MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Principal Secretary to PM reviewed the implementation of 'Nirbhaya Fund' today. It was decided that Ministry of RTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses. We may initiate this immediately. Drafts may be put up by Tuesday i.e. 22.9.2015.

Ple putup letter for DRAI/ Director (Road Safety) Dechan 18/9

(Alkesh Sharma) JS (LA&P)/18.9.2015

SO(T)/SO(MVL)

As desired, draft placed below please. Disputer(85) 18/9 signed. plasson.

emailed to ARAI and CiRT on 18/9/2015

RT-11028/12/2015-MVL

(Pre-page ref./ante)

Principal Secretary to PM reviewed implementation of "Nirbhaya Fund" and it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera to be made mandatory in public transport buses.

- ARAi and CiRT were requested to prepare a draft notification for necessary amendments in CMVR, 1989 vide this Ministry's letter no. RT-16011/2/2013(Pt-IX) dated 18/09/2015 (pg. 1 & 2/corr.).
- In response, ARAI has presented a draft notification proposing to amend 3. Rule 128 and 128-A of CMVR, 1989 (may be seen at pg. 5-6/corr.) Draft notification as sent by ARAI is put up for approval of Hon'ble Minister (RTH&S), thereafter it may be sent to MoL for vetting please.

SO (MVL)

(Ref: notes on pre-page 1 & 2)

Principal Secretary to PM reviewed implementation of "Nirbhaya Fur and it was decided that MoRTH will make GPS and alert buttons mandatory all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

- In view of the above, ARAi and CiRT were requested to prepare a dra notification for necessary amendments in CMVR, 1989. In response, both th agencies have sent their versions of the drafts. (may be seen at pg. 5 t
- Both the drafts were then sent to Shri. U.D.Bhargava, legal consultant (MVL). He is of the opinion that that a meeting may be quickly convened under the chairmanship of JS(T) to have a preliminary discussion and to form a committee to finalize all the documents and following stakeholders may be

ARAI, CIRT, ICAT, Ministry of Urban Development, Department of Electronics & Information Technology, NIC, ASRTU, BIS, SIAM, DTC, Transport Commissioner Delhi and 2 more States.

File is put up for information and further orders please.

SO/(MUL) Hasharp 17/11 US(MV4) - on bave DS(MVL)

And on prepages. If approved a meeling

Convenient date and time pls.

4.00 pm. on 3/12/15

DS(MVL). Pls issue Meling Notice.
Div(T), US(T) may also be

(Ref: pre-page/ante.) As directed, a drayt meeting notice inviting all the etakeholders is put up for approval please. Collections SO (MUL) May pls see w.r. to the invitees if any body else needs to be included. make a presentation and on proposed draft regulation. The Also mvite DIMIS and ask then to Pls nedraft and submit-SO(MVL) As directed; jair deaft is re-submitted please. along so (MUC) DS(WY) Ms issue. Ms call DIMITS and inform about the presentation. keg No. 2, pls add the name of the JS in MVI & Foil days, LAFA I is put ap for

From prepage

Meeting whice was not received by all the participants. Therefore, it is to be rescheduled JS (1) may be requested to indicate convenient date and time for holding the meeting.

Submitted please.

3/12/15

JS(P)

fix on 10/12/15 at 10 am.

uscourtes So(muc)

Fresh meeting notice es placed below.

US(MVL)

File is submitted for conducting the me On 10th Dec, 2015 at 10.00 AM. in the Chamber 21/2/19 3.0 Carry 9/14/15

OS(MVL)

From prepage

Meeting held on 10/12/2015.

Draft minutes of the meeting is submitted for leind approval.

DS (muc) on leave

10 fo Dir (BS) Ducham 27/14/15

Dixtro Ors/12

US (MYL)

phase issue nimetes of neeting.

SO (MUC)

Issued by email

Phase take action will there

is any.

JOA 23/2/16

Ref Puc Attended Meeting in Min & WCD. Secy (wcp) has neguted that a Meeting may be convened by MORTH modalities of the VIS and Alarm Button functioning at the castier. 2. In the meantine a note on the later! status of the action taken by MORTH negardy the Schemer und the 'Nir shay , tund and the statement placed below regarding tund allocation under the Nirkhaya Fund may be funished immediately. uscordinate with T- Section and get the note aly pana 2 above putup immediately as though the Hin (wid have to ugdate the PMO today evening.

10/03/14

JS(7) for lour / 1

DS (WVC)

Status as per The proforma is submitted please.

Ho wed has to update PMO by today evening.

Principal Secretary to PM reviewed implementation of "Nirbhaya Fund" and it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similary, CCTV camera to be made mandatory in public transport buses.

- 2. ARAI and CiRT were requested to prepare a draft notification for necessary amendments in CMVR, 1989 vide this Ministry's letter no. RT-16011/1/2013(Pt-lX) dated 18/09/2015 (pg.1 & 2/corr.).
- 3. In response, CIRT has furnished draft notification which may be seen at pg-9-11/corr. Further, ARAI has also furnished a draft notification proposing to amend Rule 128 and 128-A of CMVR, 1989 (May be seen at pg. 5-6/corr.). Based upon inputs reserved from ARAI and CIRT a draft notification has been prepared and put up for approval of Hon'ble Minister (RTH&S), thereafter it may be sent to MoL for vetting please.

US(MVL) - on beave

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According (RTM)

Sanjay Mita 30/3/2016

Horible Minister (RTH & Shipping)

Secy. (RISH)

JS(+) DS (MVL)

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USEMYED SO(MVC)

& Software

Film.

Reference prepage

Sub: GPS and Alert Button in Public Transport Buses - Notification reg.

Approval of Hon'ble Minister has been obtained on the draft notification at pg 8/N. now the file may be forwarded to Ministry of Law for vetting please

US (MVH)

57416

Total and the state of the stat

Ministry of Law and Justice, Legislative Section, Shastri Bhawan New Delhi

Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, Dtd 5/4/2016



Ministry of Law and Justice Legislative Department

FTS No. 889 /16-Leg.I - SRO

This case relates to the proposal of the Ministry of Road Transport and Highways (the administrative Ministry) to issue a notification in the form of draft rules called the Central Motor Vehicles (.... Amendment) Rules, 2016. The proposed rules are to be issued under sections 27, 41, 50, 109 and 110 of the Motor Vehicles Act, 1988 read with section 212 of the said Act for inviting objections and suggestions from the persons likely to be affected by the proposed rules.

- The draft rules placed on the file by the administrative Ministry has been scrutinised in this Department. In this connection, it is stated that
 - in sub-rule (2) of rule 1 of the proposed rules relating to commencement, it is mentioned as "save as otherwise provided in these rules". In this connection, it is stated that the said expression is relevant when the administrative Ministry proposes to issue certain provisions of the rules with different dates. But in the proposed notification, there is only one provision which is to be inserted as new rule 125F after 125E of the Central Motor Vehicles Rules, 1988; and
 - in the second and third proviso to proposed new rule 125F, it is mentioned as "reference document as laid down by the Central Government or State Government". In this connection, it is stated that it is not clear where the said documents shall be laid by the concerned Government. The administrative Ministry may please specify the placement of the reference document in the Motor Vehicles Rules, 1989. If there is no relevant provision with respect to reference document in the principal rules, an explanation in respect of the same may be specified in the proposed rules.
 - In the light of above, the administrative Ministry may justify the observations made by this Department and, if necessary, depute a senior officer well conversant with the subject to discuss the same with the undersigned on a mutually convenient date and time.

(R. Sreenivas) Additional Legislative Counsel 11th April, 2016.

(MAIDEMESTRATION)

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Ministry of Road Transport and Highways

विधि और जास कन्त्रालय Ministry of Law & Justice Lagislahve Department File when ...

May like to see at Dak Stoge

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USCINETED Please examine
and update on 2(i) and
and submit JEPRA

MUL

from preplage.

Revised draft submitted for kind vetting. The draft notification, being part of the Wirthwaya Fund is being discussed on 3rd Many by Secretary, RTH.

10 p

Legislature department, Ministry of Lous & Justico, Shoistri Munistry

ly NO 1107/16.

Le distable Department

This demander thick its note of page 10/11 dates

the 1st April, 2016 had successive the ad Nivestry to

review the deeff as her observations made in this Departure.

The levield deep as forwarded by the adversty has been fewler examined and newspay Correction have been made in fereil. The ad-Minister way ensure that the said Correction meets with their interior and main meets adeantly

Mirity of Road Transport & Hidrians

Ministry of Carties Musicon

Legislature Department

3. 31. 71. Details

(RAMISETTY SREENIVAS)
SIGN TORM) VEHICLE
Add. Logislable Consol

From prepage

Official wing is requested to kindly furnish the Hindi translation of the fair drayt placed below. This many kindly be tarested as priority.

29/4/16

Ministry of Low & Justice, Official Wing Showstri Mohawan



विधि और न्याय मंत्रालय विधायी विभाग, राजभाषा खंड, अनुवाद । अनुभाग ****

संलग्न अधिसूचना का हिन्दी पाठ तैयार कर दिया गया है कृपया संबंधित मंत्रालय/विभाग यह सुनिश्चित कर लें कि तैयार हिंदी पाठ उनकी अपेक्षाओं के अनुरूप है ।

> र-ड्या १२(४) २० (४ (रविन्द्र शर्मा) अधीक्षक

> > 23388231

राजभाषा खंड डा.सं. ५५। /2016-अनु० 1 तारीख ०२/०५ / २०१८ शास्त्री भवन, नई दिल्ली

Fair draft notification allanguith bundi translation is selomitted for signature.

DICFMUC

Sub: GPS, CCTV and Alert Button in Public Transport Buses

This Ministry has published notification regarding GPS, Alert Buttons and CCTV in public transport buses vide number G.S.R 478(E) dated 02.05.2016. A period of 30 days was given to public to provide their inputs/suggestions.

- 2. Comments from SIAM, Karnataka State Road Transport Corporation, All India Motor Transport Congress, and Indian Tourist Transport Association, which may be seen at pg. 111-120/-corr.
- 3. At first instance, we may forward these inputs to ARAI for their examination/ comments. Accordingly a letter to ARAI is placed below for approval please.

10.06.2016

SORMVL

USCAVI

SO(MVC)

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13/6/16

Sub: GPS, CCTV and Alert Button in Public Transport Buses

This Ministry has published draft notification regarding GPS, Alert Buttons and CCTV in public transport buses vide number G.S.R 478(E) dated 02.05.2016. A period of 30 days was given to public to provide their inputs/ suggestions.

- 2. Comments from SIAM, Karnataka State Road Transport Corporation, All India Motor Transport Congress, and Indian Tourist Transport Association, have been received which may be seen at pg. 111-120/-corr. ARAI was requested to examine and furnish their views on the above.
- 3. As requested, ARAI has furnished their comments and draft final notification (pg. 136-140/-corr.). In the meantime, we have received an email dated 28th May 2016, from Indian Tourist Transporters Association stating that the buses hired by groups or families may object the fitment of CCTV surveillance system stating it an infiltration of their privacy. However, this may be a minuscule minority. Therefore, we may not accede to it.
- 4. In view of above, a draft notification has been prepared and put up for kind consideration and further orders.

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US(ANVI)

Dir (mvc) antraining

TS(I)

Wheker AIS-140 has Seen finalised the

Coord be better to refer to the Reference document

brepared by DIMPTS.

Dawl

50(MVL) 21/7/16

Ref. Pre-page:

Sub: GPS, CCTV and Alert Button in Public Transport Buses

(1983-85)-corr)

This Ministry has published draft notification regarding GPS, Alert Buttons and CCTV in public transport buses vide number G.S.R 478(E) dated 02.05.2016. A period of 30 days was given to public to provide their inputs/suggestions.

- 2. Comments from SIAM, Karnataka State Road Transport Corporation, All India Motor Transport Congress, and Indian Tourist Transport Association, have been received which may be seen at pg. 111-120/-corr. ARAI was requested to examine and furnish their views on the above.
- 3. As requested, ARAI has furnished their comments and draft final notification (pg. 136-140/-corr.). In the meantime, we have received an email dated 28th May 2016, from Indian Tourist Transporters Association stating that the buses hired by groups or families may object the fitment of CCTV surveillance system stating it an infiltration of their privacy. However, this may be a minuscule minority. Therefore, we may not accede to it.
- 4. The AIS 140: 2016 is being finalized by the testing agencies with reference to documents prepared by DIMTS. In view of the urgency to mandate installation of GPS, CCTV and Alert Button in transport vehicles; we may notify the amendment on priority. File is accordingly submitted for kind approval. After approval of Hon'ble Minister, the notification will be sent to Ministry of Law and Justice for vetting.

Dir(anvi)

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Dir(anvi)

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The matter was discussed in the

meeting held at PNO on again Sept. During discumsions,

meeting held at PNO on again Sept. During discumsions,

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going to be advised on all mobile phones also. Hence

a widder coverage of crisis reduced system would

be available to the panagers.

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buses would be substanted and STUE have
raised apprehensions. The bandwidth available
raised apprehensions and the bandwidth available
raised apprehensions. The bandwidth available
raised apprehensions. The bandwidth available
raised apprehensions are transmit video fotage on
continues basis or may not be halpful in the
continues basis or may not be halpful in the
event of crisis encept for whilisation as evidence.

Therefore presently we may mandate installahous of VTS devices with panic buttons.

The decision on installation of CCTV comeros

may be taken afterwards.

The draft not final mandating VTS and

paince buttons by put up according

83/8 Day

Dischar)

Sub: GPS and Emergency Button in Public Transport Buses

This Ministry has published draft notification regarding GPS, Alert Buttons and CCTV in public transport buses vide number G.S.R 478(E) dated 02.05.2016. A period of 30 days was given to public to provide their inputs/ suggestions.

- 2. Comments from SIAM, Karnataka State Road Transport Corporation, All India Motor Transport Congress, and Indian Tourist Transport Association, have been received which may be seen at pg. 111-120/-corr. ARAI was requested to examine and furnish their views on the above.
- 3. As requested, ARAI has furnished their comments and draft final notification (pg. 136-140/-corr.). In the meantime, we have received an email dated 28th May 2016, from Indian Tourist Transporters Association stating that the buses hired by groups or families may object the fitment of CCTV surveillance system stating it an infiltration of their privacy. However, this may be a minuscule minority. Therefore, we may not accede to it.
- 4. The AIS 140: 2016 is being finalized by the testing agencies with reference to documents prepared by DIMTS. Meanwhile, a meeting was held on 22nd August, 2016, with PMO, where it has been discussed that as the cost of installation of CCTV in buses would be substantial and STUs have raised apprehensions. Moreover, the bandwidth available is not sufficient to transmit video footage on continuous basis or may not be helpful in the event of crisis except for utilization as evidence. Therefore, it is proposed that presently installation of Vehicle Tracking System and Emergency button shall be mandated. The decision on installation of CCTV may be taken afterwards.
- 5. In view of the above, draft final notification mandating installation of Vehicle Tracking System and Emergency button only has been prepared and placed below (DFA please)
- 6. File is accordingly submitted for kind approval. After approval of Honble Minister, the notification will be sent to Ministry of Law and Justice for vetting.

Dir (MVL) - on leave

US (MVL) - on leave

Dir (MVC)

Dir

Subject: - GPS and alert button in public transfer File is subminted for kind vetting of final notification.

119116

19/9/16

Legislative Department, Ministr of Law and Justice, Shestri Bhousan

Ministry of Legislative Detailment fearer I Section

20 982 2016

Dr. N. R. Pluttu

N. R. Balth 21/9/16

DLC (MS. Atali V Konghoy)

Legislative Department

Dy. No. 2796/2016

Ministry of Road Transport and Highways has proposed for final publication of the draft amendments to the Central Motor Vehicles Rules, 1989 which were earlier published in the Gazette of India vide notification number G.S.R. 478 (E), dated the 2nd May, 2016 and has forwarded the draft rules for examination and vetting by this Department.

2. The proposal of the administrative Ministry has been examined in this Department and the draft notification has been scrutinised and the same as amended in pencil, is formally in order. The administrative Ministry may ensure that the draft, as amended, meets with their intention and requirements before issuing the same for publication

(Akali V. Konghay) Deputy Legislative Counsel 21.09.2016 Tele. No. 23389661

MVL

Ministry of Road Transport and Highways

বিভি और সাম দলান্য Ministry of Law & Justice বিহাবী যিমাগ

विशामी विभाग Legislative Department यू. ओ. सं......विभाव...... 9

923/9 Buck

प्राप्त किया 3 SEP 2016

Reference pre-page

Sub: GPS and Alert Button in Public Transport Buses - Notification reg.

Fair copy (DFA) of approved draft notification regarding GPS and alert button in public transport buses as vetted by Ministry of Law is placed below.

2. File may now be referred to Ministry of Law and Justice, Official Language wing for obtaining Hindi translation of the above mentioned approved notification

MYL

Atmes 26.9.2016

SO(MYL)

Us(mixe)

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Ministry of Law and Justice, Official Section, Shastri Bhawan New Delhi Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, dtd 26/9/2016

विधि और न्याय मंत्रालय विधायी विभाग, राजभाषा खंड, अनुवाद । अनुभाग ****

संलग्न अधिसूचना के हिन्दी पाठ की विधीक्षा कर दी गई है संबंधित मंत्रालय/विभाग कृपया यह सुनिश्चित कर लें कि विधीक्षित हिंदी पाठ उनकी अपेक्षाओं के अनुरूप है ।

> (रिविन्द्र शर्मा) क्रिके अधीक्षक 23388231

2132 412 वहन ग्रालिंग, राज्यार नवन पालिंग मिन्ट स्ट्रीट वर्ष दिल्ली राजभाषा खंड, डा.सं. 921 /2016 अनु० 1, तारीख ०५ /०/२०/६शास्त्री भवन, नई दिल्ली

STS1X

Sub: GPS and Emergency Button in Public Transport Buses

Hindi translation of approved final notification was received fron Ministry of Law (OL Section) on 04.10.2016. However, it has not been sent to press as AIS 140 was not finalized at that time.

- 2. However, in the CMVR-TSC meeting held on 21-22nd October, 2016 a Pune, it has been mentioned that, the AIS standards regarding GPS and Emergency buttons (AIS: 140) is in the final stages.
- 3. In view of above, file is put up requesting signature of JS(T) on both Hindi and English copies of the notification. Thereafter, it will be sent to press for publication.

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SO(M/L)

US(M/L)

Dir (M/L)

Per the dreft to exempt three wheelers on graph of the consideration of themple Monoter

April (ANN) (ANN) (ANN)

Cr 24

Reference remarks of JS (T) on pre-page:-

As directed, the necessary corrections in the final notification to exemp three wheelers have been done and a fresh draft is placed below.

File is put up requesting signature of JS (T) on both Hindi and Englis copies of the notification. Thereafter, it will be sent to press for publication.

4/11/2016 50, (MYL) USCANVET

Dir(mvc) on leave

Since the inskillation of GPS and Panic Button acron the country will be involve laye number of vehicles, it would be better if we exempt

three wheeler passayer transport vehicles from GPS of Panic Button for the time bery. Auto rickshows

hove spen structure and may not have security safety

hogards for women/child parayers. If any state wants to additionally mandate mitallation then they can

do Tr.

F-SecyCRT FH)

Sub: GPS and Alert Button in Public Transport Buses - Notification reg.

Final notification after approval from Hon'ble Minister (RTH) was already sent for vetting (may be seen at pg 22/N)

- 2. However, after the consultation with Hon'ble Minister, it has been suggested to insert a category "Three wheelers" in the category of vehicles which has been exempted under rule 125H.
- Accordingly, a fresh revised notification with the above mentioned changes has been prepared and placed below (DFA). Now, file may be referred to Ministry of Law for vetting of revised final draft on priority.

15/11/16.

Ministry of Law and Justice, Legislative Section, Shastri Bhawan New Delhi

Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, Dtd

15/11/2016

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N. R. Botter

DUCKSH NELLY

Ministry of Law and Justice Legislative Department

Dy. No. 3416 /2016

The proposal of the Ministry of Road Transport and Highways for final publication of the draft Central Motor Vehicles (......Amendment) Rules, 2016 was earlier examined in this Department vide our note at page 22 ante dated the 21st September, 2016 vide which the draft notification, as scrutinised and vetted in this Department was forwarded to them.

- 2. Now, the administrative Ministry has proposed certain modification to the draft earlier vetted as aforesaid, and has forwarded the revised draft for examination and vetting by this Department.
- 3. The revised draft, as forwarded by the administrative Ministry has been examined in this Department and the same, as slightly touched in pencil, is formally in order. The administrative Ministry may ensure that it meets with their intention and requirements.

(Akali V. Konghay)
Deputy Legislative Counsel
21.11.2016

Tele. No. 23389661

Ministry of Road Transport and Highways

বিভি और ন্যায় শুলানন Ministry of Law & Justice বিঘায়ী বিসাধ Legislative Department আ আ বিনাক...



RT- 11028/12/2015-MVL

Reference pre-page:-

Sub: GPS and Alert Button in Public Transport Buses -Notification reg.

After the consultation with Hon'ble Minister, it was suggested to insert a category "Three wheelers" in the category of vehicles which has been exempted under rule 125 H, notified vie G.S.R 478(E) dated 02.05.2016. A draft final notification with above mentioned changes was sent to Ministry of Law for vetting.

2. Ministry of Law has vetted the notification and corrections have been done. A fair copy of notification is placed below requesting signature of JS (T) on both Hindi and English copies of the notification. Thereafter, it will be sent to press for publication

23/11/2016 5.0 (MVL)

USCANT

Dir (mvc)

Hallane 23/11/16

24/1/16

P. January

- Jy(a)

Abhay Damle JS (Transport) 24/11

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Dir Cape

50 (mVC)

Subject: - Installation of Vehicle Location Tracking Device and Panic Buttons-Notification reg.

The matter in this file is regarding the installation of Vehicle location device and panic button in public transport vehicles. This Ministry has issued notification G.S.R 1095(E) dated 28.11.2016 vide which on and after 01st April, 2018, Vehicle tracking system and panic buttons were mandated to be fitted in all transport vehicles except two-wheelers, E-rickshaw, three wheelers and any transport vehicles for which permit is not required under the Motor Vehicle Act.

- 2. In this regard, a meeting was held under the chairmanship of Joint Secretary (T) with various stakeholders like Ministry of Home Affairs, DIMTS, C-DAC, SIAM, and Device Manufacturers to discuss the various issues related to its implementation.
- 3. It was decided that the issues may be taken up by AISC Panel on AIS:140 to suggest ways for effective implementation of AIS:140. DIMTS (convener member of AISC panel on AIS:140) vide email dated 27.03.2018 has forwarded a draft S.O for consideration of this Ministry. The draft order is titled as -"The Motor Venicles (Vehicle Location Tracking Device and Emergency button) order, 2018". By this order, it is proposed to notify certain instructions/guidelines in respect of provision of vehicle location tracking device and emergency button in specified public service vehicles.
- 4. However, All India Motor Transport Congress vide letter dated 04.04.2018 has requested to exempts transport vehicles from fitment of VLT devices for a period of 6 months. The reason cited by AIMTC is that the implementation of fitment of VTS in transport vehicles is meaningless if there is no proper infrastructure for control room or requisite manpower for tracking and addressing such complaints raised after pressing the emergency buttons.
- 5. Moreover, there is shortage of vehicle location tracing devices as the number of VTS manufacturers are very few and they all have got their type approval in recent past. List of manufacturers of VLT devices may be seen at F/X.
- 6. In the meantime, C-DAC has submitted a proposal for State-wise Vehicle Tracking platform for safety and enforcement with AIS 140 specification. The total cost of the proposal is Rs. 465.02 Cr plus taxes. The implementation partner for this project is Delhi Multi-Modal Transit System (DIMTS). The proposal includes the following: -

(XPg 180-182/)

x Pg 178/com

Rg 185-210/

- 6.1 Product cost, hosting charges in public cloud for one year, Map services, control room, training, and overall project management.
- 6.2 Customization of State specific requirements.
- 6.3 Operation and maintenance charges for maintaining the system for two years.

The proposal is being submitted in another file.

- 7. In view of above, file is submitted along with the following draft notifications: -
 - 7.1 Draft S.O notification to exempt all the public service vehicles manufactured before 01st day of April, 2018 from the provisions of rule 125H of CMVR for a period of 6 moths f,e,upto 01st day of October, 2018.
 - 7.2 Draft S.O regarding instructions/guidelines in respect of provision of installation of vehicle location tracking device and emergency button in specified public service vehicles.
- 8. File is submitted for approval of Hon'ble Minister (RTH) on the above two notifications. Thereafter, the two draft S.O above would be sent to Min of Law for vetting.

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US(MVL) (awe)

Dir (mul)

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- JSGT



Government of India Ministry of Road Transport & Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

The Devices for Vehicle Tracking along with the Panic button were required to be fitted on commercial passenger transport vehicles (Taxis and Buses) w.e.f. 1st April, 2018. However, as per the reports received from the States and as per the representations received from the various transport associations including AIMTC, these devices are not available in inadequate number. In addition, the States have set up the back-end data centres for tracking the vehicles.

C-DAC was consulted in the matter and they have proposed to set up Command and Control Centres in all States/ UTs, which will help the States track the functioning of these devices. It is proposed that we may seek funding and approval under Nirbhaya Scheme from the Ministry of Women and Child Development. The proposal received from C-DAC has been submitted to IFD for vetting. After the vetting/ concurrence by IFD, the proposal would be sent to the Empowered Committee for Nirbhaya Fund for appraisal. This will enable States to have a data centre for implementation of tracking system for the vehicles.

It is further proposed that in order to ensure uniformity of processes in implementation of these devices and panic buttons, the Ministry may issue an "Motor Vehicles (Vehicles Location Tracking Device and Emergency Button), Order, 2018" by way of a Statutory Order (S.O.) under section 110(3) of the Motor Vehicles Act, 1988.

Since the setting up of the data centre would take some time, the implementation timelines need to be extended for installation of the Vehicle Tracking devices and Panic buttons. In view of limited availability of the devices and data centre issues, it is proposed that Ministry may extend the timelines for installations to 1st July, 2018 for new vehicles and to 1st April, 2019 for existing vehicles.

The Draft notifications to the above effect are accordingly put up for approval of the Hon'ble Minister.

Joint Secretary (Transport)

7.4.2018

Secretary (RTH)

univedrate pls. Steals - US CUNT SO CUMM) Horible Minister has approved extension of 1 year for exply velocles. Since backend und take time, the extension may be extended for all vehicles (moduly new vehicles also).

Draft S.O. is put up for granty exemption from Rule 125 11 fewer. Mmuta, RTH. Madle

Reference pre-page

Sub: GPS and Alert Button in Public Transport Buses - Notification reg.

Approval of Hon'ble Minister has been obtained notification at pg 34/N. now the file may be forwarded to Ministry of Law for vetting please

O/o Addl. Secretary (K. BIS

Ministry of Law and Justice, Legislative Section (Leg I), Shastri Bhawan New Delhi

Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, Dtd

16/4/2018

Minustry of Law & cistics Finding to the stand

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MINISTRY OF LAW AND JUSTICE LEGISLATIVE DEPARTMENT

Dy.No.857/18

Ref: Notes at pre pages

The administrative Ministry *vide* their note on the pre-page has requested this Department to vet the two notifications (i) to exempt all public service vehicles from the provisions of rule 125H of the Central Motor Vehicle Rules,1989 upto the 1st Day of April,2019 under clause (a) of sub-section(3) of section 110 of the Motor Vehicles Act,1988;(ii) to notify the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order,2018 by exercising the powers under sub-section(3) of the section 109 of the Motor Vehicles Act,1988.

2. In view of the urgency expressed by the administrative Ministry regarding the first notification relating to exempt all public service vehicles from the provision of rule 125H of the Central Motor Vehicle Rules,1989 upto the first day of April,2019 has been discussed with Mr.Hansraj,Section Officer from the administrative Department and vetted in this Department and necessary modifications have been made therein. However, the administrative Ministry may ensure that the draft notification as modified in pencil meets with their intention and requirements. The second notification relating to Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order,2018 have not been vetted in this Department since Mr.Hansraj,Section Officer said that the administrative Ministry will re-submit the same for vetting.

R.8h.

SATHISH MURUGAN.P. Assistant Legislative Counsel 17/04/2018 Tel.No.23074189

Legislative Department

Ministry of Road Transport and Highways

RT-11028/12/2015-MVL

Reference note pre-page:

Fair copy of notification as vetted by Ministry of how of Justice and its hibridi version are placed below for signature of JS(T). Thereafter, it will be sent to govt. of Judia press.

17/4/2018 SO(M/L).

17/4/18

US(MVL) - in meeting

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12/4

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RT- 11028/12/2015-MVL

Reference pre-page

Sub: GPS and Alert Button in Public Service Vehicles - Notification reg.

Approval of Hon'ble Minister has been obtained on the draft notification at pg 34/N. File was referred to Ministry of Law for vetting. Due to urgency of publication of order for exempting the public service vehicles from the provisions of rule 125H, Ministry of law was requested to vet the order first. Ministry of Law has vetted the first order.

2. The first order has been signed by JS(T) and the same has been sent to press. File may be again be referred to Ministry of Law for vetting of second order i.e. "Motor Vehicles (Vehicle Location Tracking Device and Emergency Button(Order)"

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18/4/2018

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18/4/18

Ministry of Law and Justice, Legislative Section (Leg I), Shastri Bhawan New Delhi

Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, Dtd 18/4/2018

MINISTRY OF LAW AND JUSTICE

LEGISLATIVE DEPARTMENT

Dy.No. 889 /18

Ref: Notes at pre pages

The administrative Ministry vide their note on the pre-page has requested this Department to vet the notification to notify the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order,2018 by exercising the powers under sub-section(3) of the section 109 of the Motor Vehicles Act, 1988.

2. The draft notification has been examined in this Department and necessary modifications have been made therein, and it is formally in order from drafting and vetting angle. However, the administrative Ministry may ensure that the draft notification as modified in pencil meets with their intention and requirements. The administrative Ministry is advised to take the approval of the competent authority, if not obtained earlier.

> 2.58 SATHISH MURUGAN.P. Assistant Legislative Counsel 27/04/2018 Tel.No.23074189

Ministry of Road Transport and Highways

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May like to see at Dak, Sir

MVL

RT- 11028/12/2015-MVL

Reference pre-page

Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) - Notification reg.

Vetted copy of draft notifications has been received from Ministry of Law, Legislative Section. All the corrections have been carried out. A fair copy is placed below (DFA) for consideration.

2. File may be referred to Official Language Wing, Ministry of Law for Hindi translation of the notification. Submitted please.

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Ministry of Law & Justice, Official Language Wing, Shastri Bhawan, New Delhi.

Ministry of Road Transport & Highways F. No. File No. RT-11028/12/2015-MVL,
Dated 02 /05/2018

विधि और न्याय मंत्रालय विधायी विभाग, राजभाषा खंड, अनुवाद । अनुभाग ***

संलग्न अधि ्चना का हिन्दी पाठ तैयार कर दिया गया है कृपया संबंधित मंत्रालय/विभाग यह नुनिश्चित कर लें कि तैयार हिंदी पाठ उनकी अपेक्षाओं के अनुरूप है।

> ्राज्याधीक्षक 23388231

Therefor it will be sent to Gove of Julia prosential with the motification of approved vetted S.O order regarding evenicle location + Tracking Device of the motification of approved vetted S.O order regarding evenicle location + Tracking Device of the motification of approved vetted S.O order regarding button has been received from Official I auguste wing thinstony of law.

3. File is submitted requisited signature of JS(T) on both hinds of english opies of the notification three feer it will be sent to Govt of Julia prosentials.

Three feer it will be sent to Govt of Julia prosentials.

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Reference pre-page

Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) -Notification reg.

The matte in this file is regarding the S.O mandating procedures and standards for vehicle location tracking device and panic buttons. After approval of Hon'ble Minister (RTH), the notification was referred to Ministry of Law and Justice for vetting and Hindi translation.

- After receiving the Hindi translation, file was submitted for signatures of JS(T) on both Hindi and English copies of the notification.
- In the meantime, a meeting was to be convened under the Chairmanship of JS(T) regarding backend solutions for VLT devices on 22nd May, 2018 and it was directed to hold the matter till 22nd May, 2018.
- Since the meeting has been held, the file is submitted for orders whether

to send the approved notification to Government of India Press 22/5/18 SO(MXL) The Automobiles Components Manufactureus Assoc. [ACMA] has been presenting a solution far implementation We may wait for furalisation of the proposal and further In presentations will also give clasity ou roles of verious stateholders and in that case if required the UIT notofication may be reused at their published sather than publishing now t their wating a wondment - JSET) Discussed. Pl. for meeting under Priyank Bharti chairmanshipf say (PM) of 12.00 noon on 5/6/18. Director (NVL & Road S

Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) - Notification reg.

The matter in this file is regarding the S.O mandating procedures and standards for vehicle location tracking device and panic buttons.

This Ministry vide notification G.S.R 1095 (E) dated 28th November, 2016 has mandated all public service vehicles to be fitted with Vehicle Location Tracking Device and Panic Buttons w.e.f. 01st April, 2018. Subsequently, notification vide S.O 1663(E) dated 18th April, 2018, Ministry exempted all public service vehicles from the purview of provisions of rule 125H of the Central Motor Vehicles Rules 1989 upto 01st April, 2019. It has come to the notice of this Ministry that there are difficulties in implementing Vehicle Location Tracking Device and Panic Buttons due to lack of command and control centers to monitor and track the vehicles.

- 3. In the meantime, 'a meeting was held on' 22nd May, 2018, in which Automobile Component Manufacturer's Association (ACMA) has shown a backend solution for tracking Vehicle and setting up data centres as per the current infrastructure available in the States/UTs.
 - 4. In view of the above, it is proposed to give exemption to all the public service vehicles which are registered upto 31st October, 2018 from the fitment of Vehicle Location Tracking Device and Panic Buttons upto 01st April, 2019. All public service vehicles registered on and after 01st November, 2018 have to be fitted with Vehicle Location Tracking Device and Panic Buttons. The States may take services from ACMA till the States have their own data servers to track the vehicles. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31st October, 2018.
 - 5. Accordingly, a draft S.O notification and an advisory to all the States/UTs has been prepared and placed below for kind approval of Hon'ble Minister (RTH).

Submitted please.

Dir (mybl)

Dir(andC)

10/8/18

- 1. The Automobile Component Manufacturer's Association (ACMA) has presented a common solution for Backend monitoring for the VTS devises. The ACMA members showcased the functionalities before the group of officers in MORTH and finally it was presented before the Secretary, RTH on 9th July 2018. The functionalities of the Backend system would be provided by the VLT Device manufacturers and would have the functionality of tracking the location of the device, can provide the health checkup of the device and further can provide for routing the emergency call as per the requirements of the State Government.
- 2. This Ministry has requested the Ministry of Women and Child Development for the financial support to the project of placing the backend system across states through CDAC under the Nirbhaya Scheme. The proposal of this Ministry is still under consideration with the Ministry of Women and Child Development.

- 3. In light of the proposal made by the members of ACMA, it is proposed that
 - a. the VLT under rule 125H of CMVR as per AIS 140 specifications may be made mandatory for the Public Service Vehicles registered after 1st November 2018. An advisory may be issued to the State Governments for taking the services of VLT manufacturers for tracking of the vehicles, health checkup of the devices and emergency call tracking.
 - b. For the Public Service Vehicles registered upto 31st October 2018 i.e. the older vehicles, the States under clause (b) of subsection (3) of section 110 of the Motor Vehicles Act, 1988 may decide the timelines for the implementation of rule 125 H of the Central Motor Vehicles Rules 1989, the VLT devices under AIS 140 and the monitoring backend system at their own level. The States may seek support from VLT manufacturers for monitoring till the period their backend monitoring system is in place.
- 4. The draft SO is hereby placed for consideration. Further, in light of above the draft Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018 which had been approved earlier, is also amended. If approved, then they would be sent to Ministry of Law for vetting before being published in the gazette.
- 5. The Draft of the advisory to be issued to the States is also placed for consideration.
- 6. For consideration and further orders.

(Priyank Bharti) Director (MVL) 21st August 2018

-JS (Transport)

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युद्धवीर सिंह मलिक/Y, S. MALIK संविव (स.प. व राजमार्ग)/Secretary (RTH)

01.09 (myl)

Reference pre-page

Sub: GPS and Alert Button in Public Transport Buses - Notification reg.

Approval of Hon'ble Minister has been obtained on the two draft S.O notification at pg 44/N. now the file may be forwarded to Ministry of Law for vetting please.

12/9/2018

SO/US (MVL) -on leave

Dir(MVH)

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Priyank Bharti Director (MVL)

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Ministry of Law and Justice, Legislative Section (Leg I), Shastri Bhawan New

Ministry of Road Transport & Highways F. No. RT-11028/12/2015-MVL, Dtd

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Ministry of Law and Justice Legislative Department

Dy. No.2102/18-SRO

Ref.: Notes on pre-pages.

The Ministry of Road Transport and Highways (the administrative Ministry) has forwarded the following two proposals to this Department for vetting –

- (a) draft notification to be issued in exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988) for exempting the public service vehicles manufactured upto the 31st day of October, 2018 from the provisions of rule 125H; and
- (b) draft Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018, proposed to be issued in exercise of the powers conferred under sub-section (3) of section 109 of the said Act.

The said two proposals have been examined in this Department.

- 2. In regard to the proposal at serial numbers (a) above, on examination, it is observed that under the said enabling provision i.e. clause (a) of sub-section (3) of section 110 of the said Act, 'the Central Government may exempt any class of motor vehicles from the provisions of this Chapter' (i.e. Chapter VII of the Act). However, in the draft notification in place of referring the specific provision of the said Chapter VII, only the reference of rule 125H has been given, which is not in consonance with the said provisions of the Act. Further, the content, meaning and placement of the last two lines of the draft notification are also not clear and leading for further sub-delegation which is not permissible under the subordinate legislation.
- 3. As far as the proposal at serial number (b) above is concerned, on examination it is observed that –
- (a) the enabling provision i.e. sub-section (3) of section 109 of the Motor Vehicles Act, 1988 (59 of 1988) empowers the Central Government to notify that any article or process used by a manufacturer shall conform to such standards as may be specified in that order' in respect of construction and maintenance of vehicles. However, in the proposed draft Order, in place of specifying the said 'Process' or 'Standard', it has been proposed to notify a number of obligations on the part of VLT device manufacturers, owner of public service vehicle, State Governments, Union territory administrations etc., which is not coming into consonance with the scheme of the said enabling statutory provisions;
- (b) sub-section (3) of section 109 mentions about the 'manufacturer' only, which expression is defined under clause (21A) of section 2 of the said Act in order to cover 'a person who is engaged in the manufacture of motor vehicle' only. However, in the draft Order in place of the referring said manufacturer, a number of other person, viz. VLT manufacturer and their dealers etc. are mentioned, which is not befitting with in the frame work of the said statutory provision;

Cordinudon page 47:

(c)the contents of draft sub-clauses (c) of clause 2, wherein it is proposed that the public service owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is type approved as per the Central Motor Vehicles Rules, 1989, is coming into conflict with the provisions of sub-rule (3) of rule 125H, wherein it is interal a provided that the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be fitted by the manufacturer or their dealer or the respective operator; are coming into conflict with each other; likewise the draft sub-clauses (f) and (h) are also coming into conflict with the provisions of sub-rule (3) and sub-rule (2) of rule 125 H, respectively, of the said rule 125H;

(d)apart from the aforesaid the contents and placements of draft sub-clauses (a), (c), (d), (e), (g) and (m) are not clear as indicated at relevant places of the draft order itself;

(e)it is observed that in the said rule 125H already certain standards are mentioned, therefore, it is not being clarified as to which other standards are now being proposed in the draft order as it does not specify for any such standards.

4. All the aforesaid issues mentioned in paras 2 and 3 above need clarification and accordingly, the administrative Ministry is requested to kindly reconsider and revise the draft notifications in order to bring it in consonance with the statutory provisions of the Act and the Rules as also to make it self-explicit and self-contained *interalia* by considering the modifications made by this Department from drafting angle in the said two drafts, in pencil and then forward the revised draft to this Department for vetting.

(Dr. Sanjeev Kumar Srivastava) Assistant Legislative Counsel 23074187 20/09/2018

Ministry of Road Transport and Highways

25/9/W

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Government of India Ministry of Road Transport & Highways

The matter was discussed with the Addl. Secretary and ALC in the O/o Addl. Secretary, Legislative Department, Ministry of Law and Justice on 8th October, 2018. The S.O. Notification for exemption for vetting is hereby enclosed. In regard to the order being issued the process for VLT fitment and monitoring for the VLT device, it is clarified that the draft S.O. Order was vetted by the Legislative Deptt., vide Dy. No. 889/18 as at Noting page 39 of this Note. It is further clarified that after the vetting, the Ministry has decided for enabling the VLT device manufacturers also to provide for a backend system for monitoring of the VLT devices and providing necessary information and assistance to the State Governments till the point the State Governments put in place the backend system for the monitoring of VLT devices.

In light of the above and the decision of the Ministry, Clause No. 4(d), 4(m) at old vetted S.O. have been deleted and the Clauses in the proposed S.O. Order as at 4(d) and 4(e) which were earlier as Clause 4(e) and 4(f) respectively have been amended. It is requested that the amended clauses may kindly be vetted for the Ministry to issue the draft S.O.

(Priyank Bharti)

Joint Secretary(MVL) Tel: 2371 7294

Ministry of Law & Justice, Legisland Company Shastri Bhawan, New Delhi

Ministry of Road Transport & Highways F.No. RT-11028/12/2015-MVL7 dated 8.10.2018

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Olo Addl Secretary (K. BISWAL 2301 10/10/18

Ministry of Law and Justice Legislative Department

Dy. No.2301/18-SRO Ref.: Notes on pre-pages.

The following two proposal of the Ministry of Road Transport and Highways (the administrative Ministry) has earlier been examined in this Department *vide*-note sheets at pre pages 46-47/N and certain clarification were sought in regard to them from the administrative Ministry –

- (a) draft notification to be issued in exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988) for exempting the public service vehicles manufactured upto the 31st day of October, 2018 from the provisions of clause (k) of sub-section (1) of section 110; and
- (b) draft Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018, proposed to be issued in exercise of the powers conferred under subsection (3) of section 109 of the said Act.

Now, the administrative Ministry has forwarded the proposal for vetting alongwith their clarifications. Accordingly, the proposal is further examined in this Department.

- 2. In regard to the proposal at serial numbers (a) above, the revised draft has been further examined and slightly modified in pencil and through 'Slip'from drafting angle and the modified draft is formally in order. However, the administrative Ministry may ensure that the same meets with its intentions and requirements and is in accordance with the approval of the appropriate authority before its publication in the official Gazette.
- 3. As far as the proposal at serial number (b) above is concerned, the administrative Ministry *vide* note-sheet at pre-page 48/N stated that the said draft notification has already been vetted in this Department *vide* note-sheet at pre-page 39/N. However, at this stage certain modifications have been made therein by the administrative Ministry in form of omission of draft clauses 4(d) and 4(m) and by addition of certain words in the then draft clauses 4(e) and 4(f) (now placed as draft clauses 4(d) and 4(e) in the draft notification). The administrative Ministry has further requested to kindly vet the said amended portions only of the said draft clauses. In the aforesaid background the said specific amendments of the said draft clauses only have been vetted at this stage in this Department from drafting angle and slightly modified in pencil. However, the administrative Ministry may ensure that the same are in consonance with their intentions and requirements before publication of the same in the Official Gazette.

(Dr. Sanjeev Kumar Srivastava)
Assistant Legislative Counsel
23074187

11/10/2018

Ministry of Road Transport and Highways

Legislative Declarament [[] [0] [8

RT-110 8/12/2015-MVL

(reference from pre-pages)

The vetted copy of draft notification has been received from Ministry of Law and Justice, Legislative Department. All the corrections have been carried out. A fair copy is placed below (DFA) for consideration.

2. Hindi Translation of the vetted notification have also been carried out. Accordingly, file may be referred to Official Language Wing, Ministry of Law for the vetting and necessary corrections in the Hindi translation of the notifications, please.

Marrey 8

SO(NVI) on leave

15/2/18

ग्रियं व भारती/Priyank Bharti

40917-3618 15/101-3618

M/O Law & Justice, Legislative Department, Official Language Wing, Shastri Bhawan, New Delhi.

Ministry of Road Transport & Highways ID No. RT-11028/12/201 5-MVL Dated 15 /10/2018

भारत सरकार
विधि और न्याय मंत्रालय
(विधायी विभाग)
राजभाषा खंड
अनुवाद --1 अनुभाग

कमन सं.733, 'ए' विंग, शास्त्री भवन, डा.राजेन्द्र प्रसाद मार्ग, नई दिल्ली-110001

संलग्न अधिसूचना के हिन्दी पाठ की **अनुवाद/विधीक्षा** कर दी गई है। संबंधित मंत्रालय/विभाग कृपया यह सुनिश्चित कर लें कि अनुवादित/विधीक्षित हिंदी पाठ नकी अपेक्षाओं के अनुरूप है।

हिन्दी पाठ तैयार करने के लिए सामग्री भेजते समय कृपया निम्नलिखित बातों पर अवश्य ध्यान दें ।

- 1. अपना टेलीफोन नंबर, ई-मेल और कार्यालय का पता अवश्य लिखें।
- 2. तत्काल प्रकृति की फाइलें 12 पूर्वा0 बजे तक व सुसंगत कागजात सदैव पताका ागाकर भेजें ।
- 3. हिन्दी पाठ तैयार करने के लिए भेजी गई सामग्री के अंग्रेजी पाठ की विधि औं न्याय मंत्रालय के विधायी विभाग से सम्यक रूप से विधीक्षा करवा लेने के पश्चात् उक्त अंग्रेजी पाठ की एक अतिरिक्त स्वच्छ टंकित प्रति यथाविधीक्षित अंग्रेजी पाठ और तत्संबंधी की गई नोटिंग के साथ संपूर्ण फाइल भेजें।
- 4. उस मूल अधिसूचना/आदेश/नियम/विनियम की जिसका संशोधन किया जा रहा है और उनमें किए गए पश्चातवर्ती संशोधनों की यदि कोई अंग्रेजी और हिन्दी प्रति संदर्भ हेतु अवश्य भेजें ।
- 5. यदि संशोधनकारी अधिसूचना/आदेश/शुद्धिपत्र/नियम/विनियम आदि तकनीकी/वैज्ञानिक प्रकृति के है तो उनका हिन्दी पाठ अपने स्तर पर कराकर विधीक्षार्थ उपलब्ध कराएं ।
- 6. संबंधित मंत्रालय/विभाग पैरा 2, 3, 4 एवं 5 में वर्णित सामग्री का अनुपालन सुनिश्चित करें जिसके अभाव में अनुवाद/विधिक्षा करना संभव नहीं होगा और फाइल वापस कर दी जाएगो ।

(राजेश कुमार जायसवाल)

अधीक्षक

दूरभाष सं0 23388231

राजभाषा खंड डा0सं० निष्णु/2018 -अनुवाद -1, तारीख 16/10/2018 क.नं.733 7वां तज्ञ, शास्त्री भवन-1

(reference from pre-pages)

(Pg 258 (OW)

The hindi translation of the vetted copy of final notification has been received from Ministry of Law and Justice, Official Language Wing.

2. Accordingly, fair copies of the final notification both hindi and Eng ish are placed below for consideration and signature of JS(MVL), please. If approved, Ministry may forward the final notification for publication in official Gazatte, as per DFA.

This is regarding the Vehicle Location Tracking devices with the emergency buttons on the public service vehicles. The note at NP/ 43-44, pre page a ite may kindly

Accordingly, the S.O. notifications for enabling the VLT devise to be made available in the new public service vehicles starting 1st of November, 20 8 and for old registered vehicles, the discretion of the States to notify has been vetted by the Ministry of Law and have been placed before the undersigned for final signatures.

As it being the festival time, and making it mandatory for the new vehicles from 1st of November, 2018 may create problems for the Automobile OEMs and may also create other implementation issues.

It is proposed that for the new vehicles the date of implementation may be 1st of January, 2018 and for old vehicles the States may decide for the implementation.

For consideration by the Minister RTH. If approved the same would be incorporated in the notification to be published.

The Draft of the advisory to be issued to the States is also placed for consideration.

> (Pri /ank Bharti) Joint Sec etary (MVL) 18th October 2018

-Secretary (RTH)

Ramandeep Chowdhary

RT-11028/12/20 5-MVL

(reference from pre-pages)

The hindi translation of the vetted copy of final notification has been received from Ministry of Law and Justice, Official Language Wing.

- Approval of Hon'ble Minister for approval of change of implementation date has been received on note pre-page.
- Accordingly, fair copies of the final notification both Hindi and English are placed below for consideration and signature of JS(MVL), please. Thereafter, it will be sent to Government of India press for publication in official Gazatte, as per

SO(MVL) - on leave USCRS) = 1.0 DS(MVL)

Subject: - Integration of AIS 140 Complaint BSNL solution with VAHAN for implementation of Vehicle Location Tracking Device.

FR is a letter dated 9th December, 2018 received from GM (VAS), BSNL regarding the subject mentioned above and has stated that they have successfully tested and verified a back end solution for fitment of Vehicle Location tracking device with serval VLT manufacturers by providing login into the BSNL system.

- 2. It has been requested that this Ministry shall allow API integration to VAHAN to verify and activate the VLT device.
- 3. This Ministry vide S.O. 5453(E). dtd. 25th October 2018 has notified Motor Vehicles ,(Vehicle Location Tracking Device and Emergency Button) Order, 2018 published. In the said Order, the following are some conditions which has been made mandatory: -
 - The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.
 - The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- 4. In line with the aforesaid Order, the Code of Practice for AIS-140 has been amended for facilitating smooth Implementation of Vehicle Location Tracking (VLT) Device, Emergency Button(s) and Command and Control Centres for the guidance of the stakeholders concerned which state that: -
 - In the absence of State/UT backend system, the registration, activation, health check and alert updates of VLT devices shall be through a common layer for updation in VAHAN.
 - The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register/activate the devices along with details of vehicle and permit holder on the corresponding backend systems in real-time.

RT-11028/12/2015-MVL

- The backend system/common layer will update the details of device in the VAHAN system against the respective vehicle record at the time of installation and registration/activation of VLT device.
- Accordingly, Vehicle Location Tracking Device manufacturers, through 5. BSNL, have set up a common backerd system layer in conformity with the Order/AIS-140/Code of Practice under A S-140.
- In view of the above, an API $\pi\,ay$ be provided to BSNL for integration of 6. VLT device with VAHAN database for registration, activation, health check and alert updates of VLT devices.



Submitted please.

28/14/2018

Ramandespichowdhary

etter to MIG is placed below approval please.

RT-11028/12/2015-MVL

Subject:- Uploading combined list of approved VLT devices on MoRTH's website.

FR is an email dated 17.09.2019 received from ACMA forwarding list of Vehicle Location Tracking Device Manufacturers who have got their devices approved from ARAI and ICAT.

2. As directed, the list of these approved manufactures may be uploaded on the MoRTH's website.

3. Submitted please.

18/1/19 50(MVL) - on leave

SO(MUC)

18/1/19

<u>Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) - Notification reg.</u>

FR is a letter dated 31.12.2018 received from Transport Commissioner, Odisha regarding installation of Vehicle location tracking device and panic buttons (VLT) in public service vehicles and has stated that establishment of infrastructure for its implementation would require some time.

- 2. It has been requested that six months' time may be granted to implement the notification and guidelines issued by Ministry of Road Transport & Highways in regard to fitment of Vehicle location tracking device. Moreover, in anticipation of the permission from MoRTH, the above notification has not been implemented in State of Odisha.
- 3. In this regard, it is pertinent to mention that the Ministry has mandated fitment of Vehicle Location Tracking Device in all public service vehicles vide G.S.R 1095 (E) dated 28th November, 2016 w.e.f. 01st April, 2018. Subsequently, notification vide S.O 1663(E) dated 18th April, 2018, Ministry exempted all public service vehicles from the purview of provisions of rule 125H of the Central Motor Vehicles Rules 1989 upto 01st April, 2019 as States were facing difficulties in implementing Vehicle Location Tracking Device and Panic Buttons due to lack of command and control centers to monitor and track the vehicles. However, for all public service vehicles registered on and after 1st January, 2019, the Ministry vide S.O 5454(E) dated 25.10.2018 has made it mandatory to be fitted with Vehicle Location Tracking Device and panic button.
- 4. Moreover, vide S.O 5453(E) dated 25th October, 2018, the Ministry has published Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018 by which the Command and Control Centres or such other Centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response Centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
- 5. Accordingly, a draft letter to Transport Commissioner, Odisha is placed below for kind approval please.

18/1/1/19 80 (MVL) - an leave US (RS) = 10

28/1

DS(MyL)
DFA (Consideration
T3(MVL)

73 Chowdhary
Ramandeep Chowdhary
Deputy Secretary

The provision of the VLT and the emergers buttons in public scence vehicles has been done for the passenger's and

h= 1011/2)

DSCW(U)

Reference runarks on note pre-page:

Broft letter to Transport Commissioner, Govt of Odisha is placed below for bind Signature of US (RS).

30 (MVL) - on leave US (RS)= 1-6 SO(MVL)

(2

Cr. J. 11/1/2

Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) -Notification reg.

FR is a letter dated 06.02.2019 received from Transport Commissioner, Karnataka regarding installation of Vehicle location tracking device and panic buttons (VLT) in public service vehicles and has stated that establishment of infrastructure for its implementation would require some time.

- It has been requested that six months' time may be granted to implement the notification and guidelines issued by Ministry of Road Transport & Highways in regard to fitment of Vehicle location tracking device. Moreover, in anticipation of the permission from MoRTH, the above notification has not been implemented in State of Odisha. Karnadaka -
- 3. Similar request from Transport Commissioner, Government of Odisha was received vide letter dated 31.12.2018 (may be seen at pg. 299/corr.). In this regard, it is pertinent to mention that this Ministry has issued advisory dated 31st October, 2018(pg. 301/corr.) regarding implementation of fitment of Vehicle Location Tracking device and panic buttons in all public service vehicles.
- 4. In view of the above, as directed, a draft letter to Transport Commissioner. Karnataka and Transport Commissioners of all the States/UTs is placed below for kind

08/2/2019 US(RS) to DS(MVL)

A copy duft of letter to state government of Kornelelce, copied to all state Governments greiteraly the mondate to comply with VLT de porice butter we I from Jen 1, 2019 is f

Similar request was received from

ell style of odeha. On the

similar lines, a reply may be suit to Kaunstala, worting to have the amendment enforced as it performs imperfort issue of women

DRA for consideration. Also, sorto be sent to all other states for information

12/ Pal

File Received on 12/02/2019

प्रियाँक भारती/Priyank Bharti मिल्री हे किल्ली के संयुक्त सविव/Joint Secretary 2.43 PM.

शत्त्व (त.प. व राजमार्ग)/Secretary (RTH)

प्रियाँक भारती/शिरांश्वेnk Bharti संयुक्त सचिव/Joint Secretary

युद्धवीर सिंह मलिक/Y. S. MALIK

RT-11028/12/2015-MVL Government of India

Ministry of Road Transport & Highways

Transport Bhavan, 1, Parliament Street, New Delhi - 110001

Subject: Draft Notification to amend Central Motor Vehicle Rules 125H to omit Clause (iv) of sub rule (1) namely "(iv)any transport vehicle for which no permit is required under the Act"

Placed below is GSR 1095(E) dated 28.11.2016, which mandated under CMVR Rule 125H-. Provision of vehicle location tracking device and one of more emergency button in all public service vehicle, as defined under clause (35) of sect on 2 of the MV Act. This rule however did not apply to the following category of vehicles, namely:-

- (i) two wheelers:
- (ii) E- rickshaw;
- (iii) three wheelers; and
- any transport vehicle for which no permit is required under the Act. (iv)
- As per S.O 5333(E) dated 18th October 2018, the requirement of permit in respect of Battery operated vehicles; vehicles driven by Methanol and ethanol were excluded from the provision of Permit [Section 66(1) of the MVA].
- Therefore to remove the anomaly, it is proposed to omit the clause (iv) of sub rule (1) namely "(iv)any transport vehicle for which no permit is required under the Act".

Draft Notification is placed below for approval please.

(KCSharma)

SE(Tpt) 17.05.2019

And Animaly can't with VII.
Any comments In!

proposed for appoint

JS (T ansport)

Sub: Draft Notification to amend Central Motor Vehicle Rules (CMVR) 125H to omit Clause (iv) of sub rule (1) namely "(iv)any transport vehicle for which no permit is required under the Act".

-0/-

The Ministry had mandated a provision of Vehicle Location Tracking Device (VLTD) with one or more emergency buttons in all the public service vehicles as defined under Section 2(35) of the Motor Vehicle Act, 1988. The provision for VLTD was made through an amendment in Rule 125(H) of the Central Motor Vehicle Rules. 1989 through GSR 1095(E) dated 28.11.2016 (Corr./ Page 180).

- The Rule provides for an exemption for the following category of vehicles, namelv:
 - (i) Two wheelers:
 - (ii) E-rickshaw:
 - (iii) Three wheelers: and
 - (iv) Any transport vehicle for which no permit is required under the Act.
- The Ministry has granted an exemption from the requirement of permit in respect of vehicles operated by a battery, vehicles driven by methanol and ethanol, issued through SO No. 5333E dated 18.10.2018 (Corr./Page No. 281).
- As it is mentioned in Rule 125(H) that the provision of the Rule will not apply to "Any transport vehicle for which no permit is required under this Act", there is anomaly with respect to provisioning of a vehicle tracking system with an emergency button for a public service vehicle running on battery, ethanol or methanol, which is a safety concern for passengers, specially for women.
- In light of this in order to remove the anomaly, it is proposed to omit the Clause (iv) under the proviso of Rule 125(H) of the CMVR, 1989 namely "(iv) Any transport vehicle for which no permit is required under the Act".
- The draft GSR for the amendment of the Rule 125(H) of the CMVR 1989, is hereby placed for the approval of the Minister (RTH). If approved, it would be published for seeking objections/comments.

Put up for consideration.

Secretary (RTH)

(Priyank Bharti) Joint Secretary(MVL) 29th May, 2019

HONE TOTAL SANJEEV RANJAN सचिव (स.प. व सामानी)/Secretary (RTH)

SANJEEV RANJAN सचिव (स.प. व राजनार्ग)/Secretary (RTH)

याँक भारती/Priyank Bharti संयात सचिव/Joint Secretary

RT-16011/2/2013(Pt-IX) Government of India Ministry of Road Transport & Highways

Transport Bhawan,
1, Parliament Street,
New Delhi,

Dated: September / 7, 2015

To

Mrs. Rashmi Urdhwareshe Director, The Automotive Research Association of India(ARAI)

Subject: Making GPS & alerts button mandatory in all passenger transport vehicles and CCTV camera in public transport buses-reg.

Sir.

With reference to the above mentioned subject, it is decided to make GPS and alert button mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

It is requested to prepare a draft notification for necessary amendments in Central Motor Vehicle Act & Rules for above proposal to take effect. These drafts may be mailed by 22/9/15 (F/N).

Yours faithfully,

(Rajeev Lochan)
Director (T)

Telefax: 011 – 23351967

E - mail: rajeev.lochan@nic.in

RT-16011/2/2013(Pt-IX) Government of India Ministry of Road Transport & Highways

Transport Bhawan,
, Parliament Street,
New Delhi,
Dated: September /《 , 2015

To

Sh. Abhay Damle, Director, Central Institute of Road Transport, Pune-Nashik Road, Bhosari, Pune-411026

Subject: Making GPS & alerts button mandatory in all passenger transport vehicles and CCTV camera in public transport buses-reg.

Sir.

With reference to the above mentioned subject, it is decided to make GPS and alert button mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

It is requested to prepare a draft notification for necessary amendments in Central Motor Vehicle Act & Rules for above proposal to take effect. These drafts may be mailed by 249/15 (AN).

Yours faithfully,

(Rajeev Lochan)

Director (T)

Telefax: 011 - 23351967

E - mail: rajeev lochan@nic.in

Subject: Fwd: Re: Making GPS & Alerts button mandatory

: Vijitchaudhary SrConsultant vijit.chaudhary@gov.in>

Date: 09/24/15 05:36 PM

From: Hans Raj Sharma SO <hansraj.rth@nic.in>

Ewd Re: Making GPS & Alerts button nandatory.eml (407kB)

Re: Making GPS & Alerts button mandatory.eml (405kB)

To ARAI.pdf (275kB) Draft GSF_for_GPS_CCTV.DOCX (17kB)

regards HANS RAJ SHARMA SO (MVL) Ministry of Road Transport & Highways Govt. of India

- Origir al-Message-Fwd: Re: Making-GPS-&-Alerts-button-mandatory.eml-

Subject: Fwd: Re: Making GPS & Alerts button mandatory

DHARKAT R LUIKANG < harkat@nic.in> From:

Date: Tue, 22 Sep 2015 18:23:38 +0530

To: SO <hansraj.rth@nic.in> (I/IVL)

submit in file

New Delhi

With Regards (Dharkat R. Luikang) Under Secretary (MVL) Ministry of Road Transport & Highways

- Original Message Re: Making GPS & Alerts button mandatory.eml -

Subject: Re: Making GPS & Alerts button mandatory

"A. A. Deshpande" <deshpande.aed@araiindia.com>

Tue, 22 Sep 2015 12:19:25 +0000 Date:

"rajeev.lochan@nic.in" <rajeev.lochan@nic.in> To:

"anjani.kumar72@nic.in" <anjani.kumar72@nic.in>, "'dharkat@nic.in'" <dharkat@nic.in>, Director-ARAI Cc:

<director@araiindia.com>

Respected Sir,

This is with reference to Ministry letter No. RT-16011/2/2013(Pt-IX) dated 18th September 2015 on the subject received by e-mail.

Please find attached draft notification for necessary amendments in CMV Rules for making GPS & Alert button mandatory in all passenger transport vehicles and CCTV camera in public transport buses as required by Ministry.

It may kindly be noted that standard/specifications for GPS, Alert button and CCTV camera are presently not available. Also the lead time for implementation and methodology for covering existing vehicles plying on the

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road	nood	to	20	MALOT	100	OUT
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With best regards,

Anand Deshpande | Deputy Director & Head Automotive Electronics Department

Automotive Research Association of India (ARAI)

S. No 102, Vetal Hill, Off Paud Road, Kothrud, Pune 411 038, India

|(W) +91 20 30231400 |(F): +91 20 30231104| (C): +91 9850826640

|Web www.araiindia.com|E-mail: deshpande.aed@araiindia.com|

From: anjani.kumar72@nic.in [mailto:anjani.kumar72@nic.in]

Sent: 18 September 2015 19:02

To: D rector-ARAI

Cc: Luikang, Dharkat R; Gopindra kumar

Subject: Making GPS & Alerts button mandatory

Madam.

Please find attached letter regarding making GPS & alerts button mandatory to all passenger transport vehicles and CCTV camera in public transport buses for necessary action.

MoRTH.

This me sage contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Company -The Automotive Research Associa ion of India, S.No.102, Vetal Hill, Kothrud, Pune City,India, www.araiindia.com

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India

Ministry of Road Transport and Highways

NOTIFICATION

New Delhi, the September , 2015

G.S.R.....(E).- The following draft of certain rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 110 of Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft rules shall be taken into consideration after expiry of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi 110 001.

Any objections or suggestions which may be received from any person with respect to the said draft rules before the expiry of the period aforesaid shall be considered by the Central Government.

DRAFT RULES

- (1) These rules may be called the Central Motor Vehicles (____Amendment) Rules,
 2015.
 - (2) They shall come into force on the date of their publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), in rule 128, in sub-rule (13), after clause (xx) following shall be inserted namely.-
 - "(xxi) Global Positioning System (GPS) based vehicle tracking system.
 - (xxii) Alert button for emergency stop.

(xxiii) Closed Circuit Tele-Vision (CCTV) camera system."

3. In the said rules, for rule 128-A, following shall be substituted namely.-

"128-A. Special provisions for M3 category of vehicles.- The provisions of sub-rule (4) and sub-rules (13)(xxi), (13)(xxii), (13)(xxiii) of rule 128 shall apply to all M3 category of vehicles."

4. In the said rules, after rule 128-A, following shall be inserted namely.-

"128-B. Special provisions for motor cabs, taxi cabs.- The provisions of sub-rule (13)(xxi) and 13(xxii) of rule 128 shall apply to all motor cabs and taxi cabs."

(Alkesh Sharma) Joint Secretary to the Government of India

Note.- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i), vide notification number G.S.R. 590(E), dated the 2nd June, 1989 and lastly amended vide notification number dated

by a certificate of road-worthiness issued by the manufacturer in Form 22. the sale of every construction equipment vehicles manufactured shall be accompanied

Special Provisions

128. Tourist vehicles other than motor cabs, etc.

conform to the following specifications, namely: A tourist vehicle other than motor cab, taxi-cab, campers, van, house trailer, shall

- (1) The dimensions shall conform to the dimensions specified in rule 93
- done for all panelling including the floor. and dustproof. The vehicle should also be rattle proof. Sound deadening should also be root, sides, back and bulk head portions. The body should be made completely leakproof material should be used. As regards interior panelling it should cover the entire interior aerodynamical shape. For exterior panelling, aluminium sheet or good quality panelling structural frame work using suitable material of adequate sectional area and an (2) Structure—Structure of the tourist vehicle should be sturdy and strong,
- locking devices]. door may be operated pneumatically or hydraulically or electrically with suitable The door handle should be capable of being handled from inside as well as outside. The located on the left side of the vehicle and minimum door width shall be 685 millimetres. 2[(3) Passenger entrance and exit—The passenger entrance-cum-exit door shall be

the following requirements, namely:--[(4) Emergency exit—The emergency exit provided on the tourist vehicle shall meet

- be clearly marked 'EMERGENCY EXIT' in bold letters on the inside and the outside of the tourist vehicle;
- (II) be so designed as to open from inside and the outside of the tourist vehicle;
- (iii) designed as to offer protection against accidental release; be equipped with a fastening device which can be quickly released but so
- (IV) be easily accessible to persons of normal height standing on the ground outside the vehicle;
- 3 be easily accessible to the passengers;
- (V) be such that no seat or other object placed in the vehicle shall restrict the passage to the emergency door;
- be located either at the back or on to the right hand side of the vehicle; and
- emergency exit may be provided in the form of a window with breakable to break open the glass in the event of an emergency.] glass. In such cases, a suitable device shall be provided at a convenient place
- provided for the driver near the driver seat Driver entry and exit—A separate door with suitable sliding window shall be
- The front wind-screen shall be of clear view and distortion free, with safety halves, the width of the central vertical joint, inclusive of the rubber glazing glass and shall be of the full width of the tourist vehicle. If made in two

UN-

the tourist vehicle. fitment of the front windshield shall be such as to enhance the elega

- The rear windscreen shall be of safety glass or laminated safety glass. provided on the rear windscreen. match with the windows provided on the vehicle. Sliding curtains sl
- 14.255 millimetres and shall be of safety or laminated safety glass Windows---Windows of tourist vehicles should have a minimum sp

without rattle. All safety or laminated safety glasses used for windows should co standards laid down by the Dureau of Indian Standards. Windows shall be pro Windows shall be of double sliding type slider running smoothly in ch

in the passenger or driver compartment. dows shall be such that when closed they will not permit ingress of rain water o passenger compartment as well as the driver compartment. All ventilators and (8) Ventilation—Adequate arrangements shall be provided for ventilation

(9) Luggage=

- Luggage holds shall be provided at the rear or at the sides, or both, dustproof and waterproof with safety arrangements; tourist vehicle with sufficient space and size, and shall be rattle
- general design and fitment of the rack shall be so designed as to avoid padded upholstery to protect the passengers from an accidental hi Except where nylon netting is used, the underside of the rack shall The light luggage racks, on strong brackets shall be provided insi corners and edges. passenger compartment running along the sides of the tourist v
- (10) Seats and seating arrangements—
- Seating layout shall be two and two or one and two or one and one on side, all seats facing forward, with a clear gangway of at lea seat back of full height. area of 447 millimetres $\times 457$ millimetres and an arm rest on both sid millimetres width at the centre. Each passenger seat shall have a min
- The seat frames shall be sturdy, properly finished and so mounted seats shall be of reclining type and adjustable. transfer the weight directly to the structural members of framework
- The seats shall be so mounted as to provide at least 280 millimetres leg suitable location and height shall be provided for every passenger from the front of the rear seat to the back of the front seat. A foot
- centimetres width at the centre of the exterior of the body. referred to in sub-rules (7) and (8) of rule ²[85] in white colour with a blue ribbon Painting and finishing-The tourist vehicle shall be painted in a m
- (i) (a) The passenger compartment shall be adequately illuminated.

inserted vide GSR 642(E), dt. 28-7-2000

Substituted vide GSR 338(E) dt. 26-3-1993. Substituted vide GSR 589(E), dt. 16-9-2005, w.e.f. 16-9-2006.

^{2 1} Omitted vide GSR 933(E) dt. 28-10-1989.

Substituted for "85A" vide GSR 207(E), dt. 10-4-2007, w.e.f. 10-4-2007

- 0 Arrangement shall be provided to eliminate reflection of the light from the passenger compartment on the windscreen.
- In addition to the lights in the passenger compartment, at least two night-lights with coloured domes, shall be provided in the passenger compartment
- (iii) (iii) One independently operated light fitting shall be provided for illumination The front and rear destination boxes, if provided, shall be illuminated
- (iv) A light fitting shall be provided for illuminating the steps at the passenger of the driver's or attendant's seat area.
- entrance door.
- Wiring in the passenger compartment shall be with low tension cable conforming to IS: 2465 or size commensurate with the estimated current Each luggage hold shall have a light fitting for illumination of that hold
- adequate size. When any wire passes through a hold in a panel or sheet loading. The wires shall be carried in PVC sleeving or conduit or casing of for protection of the insulation. metallic components, a rubber grommet of adequate size shall be provided
- namely:-Fittings and accessories—A tourist vehicle shall be equipped with the following
- (i) convex rear-view mirrors one on each side, universally adjustable and of adequate dimensions;
- first aid box with glazed front, with necessary medicines for first aid
- fire extinguisher, dry powder type located near the engine compartment;
- insulation on interior or exterior of the engine bonnet for reducing the noise and heat from the engine
- (3) provision for locating vehicle tools securely
- heavy duty windscreen wiper system
- (vii) adjustable sunvisors of adequate size for the driver and for the attendant;
- (viii) electrically operated wide indicators or blinkers, stop lights and parking
- (ix) dual head lamps
- X suitable illumination for the registration number plate at the rear
- (xi)horn
- electric fans, of 8 inches sweep adjustable, at least eight in number, suitably spaced in the passenger compartment and controlled by switches located
- (XIII) electric bell or buzzer located near the seat of driver or attendant and operated by at least four push button controls placed at suitable location in the passenger compartment;
- (VIV) ash trays near passenger seats of a design convenient for cleaning them at intermediate stops of the tourist vehicle;
- (XV) drinking water and ice-box;
- (XVI) rack for magazines and other reading material
- (XVII) back pockets and numbers for each seat;
- public address system with at least four speakers suitably located in the passenger compartment;

- document frame, located near the seat of driver, for carrying veldocuments, tax token, licence and permit,
- (xx) mud flaps for front and rear wheels:

sub-clauses (1x), (xii) and (xiii) of clause (13) of this rule shall not apply to the vehi of integral construction. PROVIDED that the provisions of clauses (2) and (7), sub-clause (vi) of clause

'[128A. Special provision for M3 category of vehicles

The provisions of sub-rule (4) of rule 128 shall apply to all M3 category of vehic Transportation of goods of dangerous or hazardous nature to human life

- following conditions, namely:in force in relation to any category of dangerous or hazardous goods, comply with goods shall, in addition to complying with the provisions of any law for the time be (1) Every owner of a goods carriage transporting any dangerous or hazard
- every such goods carriage, carrying the same type of dangerou mark of the class label appropriate to the type of dangerous or hazard goods specified in column 3 of the Table I to rule 137 hazardous goods (whether in bulk or in packages), shall display a dist
- in the case of packages containing goods listed in Table III in rule 137 shall display distinct labels to indicate both the hazards which represents two hazards as given in column 2 thereof, such pack
- every package containing dangerous or hazardous goods shall display goods specified in column 3 of the Table I to rule 137; distinct class labels appropriate to the type of dangerous or hazard
- every goods carriage carrying any dangerous or hazardous goods sha of hazardous or dangerous goods]. equipped with safety equipments for preventing fire, explosion or es
- ment) Rules, 1993, every goods carriage carrying goods of dangerous or hazarc nature to human life, shall be fitted with technograph (an instrument to record the k ²[129A. Spark arrester etc.,) conforming to the specifications of the Bureau of Indian Standards]. of running time of the motor vehicle; time speed maintained, acceleration, decelera-³[(2) One year from the date of commencement of Central Motor Vehicles (Am

nature to human life shall be fitted with a spark arrester]. ment) Rules, 1993, every goods carriage carrying goods of dangerous or hazard Six months from the date of commencement of Central Motor Vehicles (Amu

Manner of display of class labels

symbol and the lower half for the text: . be divided into two portions, the upper half portion being reserved for the pict positioned that the size of the class label is at an angle of 45 degrees to the vertical the size of such label shall not be of less than twenty-five millimetres square which (1) Where a class label is required to be displayed on a vehicle, it shall b

PROVIDED that in the case of smaller packages a suitable size of the label ma

where it consists of metal or other substance on which the pictorial symbol and the (2) Where the class label consists of adhesive material, it shall be waterproof

Inserted vide GSR 589(E), dt. 16-9-2005, w.e.f. 16-9-2007 Inserted vide GSR 338 (E) dt. 26-3-1993.

WN-

Substituted, ibid.



Central Institute of Road Transport, Pune

Pune-Nasik Road, Bhosari, Pune-411 026

Abhay Damle, IRS Director DIR/1034/08/173

22nd September 2015

Ms. Dharkat R. Luikang Under Secretary (MVL) Ministry of Road Transport & Highways Parivahan Bhawan, 1, Parliame at Street New Delhi – 110 001

Sub: Draft Notification for fits sent of Video Surveillance System for

M2 & M3 category of ve iicles (buses)

Ref: Director (T), MoRTH let er No. RT-6011/2/2013(Pt.IX)

dated 18th September 2015

Dear Madam,

We have gone through the details of your letter referred above. We would like to inform that for mandatory fi ment of Video Surveillance System on all types of buses there is need to have reference of Technical Specification of Video Surveillance System against which such system can be approved. However, taking into account the need and urgency of the notification it is thought that technical specification of the Video Surveillance System can be part of the Bus Body Code AIS: 052. The Notification attached has been deafted by giving reference of the Bus Body Code AIS: 052. We wish to further inform that the Bus Body Code AIS: 052 will be amended to include technical specification for Video Surveillance System on priority.

Further, in the same notif cation, Vehicle Tracking System has been stipulated which has to be from the duly approved empanelled service providers by the state Government. The State Government may empanel competent Vehicle Tracking System and service provider. Efforts are being made to expeditiously draft the Technical Specification for the Vehicle Tracking System and services.

Hope draft is in line with the requirements.

Yours faithfully,

Enclosure: Draft Notification

(Abhay Damle, IRS)

Director

Post Box No. 1897, Pune-Nasik Roac, Bhosari, Pune-411 026, India

Tel: +91 20 67345300 Fax: +91 20 67345407

Email: director@cirtindia.com Website: www.cirtindia.com

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the2015

- G.S.R.(E) The following draft of certain rules further to amend the Central Motor Vehicle Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sub-section 1 (o) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of Section 212 of the said Act for the information of all persons likely to be affected thereby; and notice is hereby given that the said draft rules shall be taken into consideration after the expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India, are made available to the public;
- 2. Objections and suggestion, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi 110 001.
- 3. Any objection or suggestion which may be received from any person in respect of the said draft rules before the expiry of the aforesaid period will be considered by the Central Government.

DRAFT RULES

- 1. (1) This rule may be called the Central Motor Vehicles (Amendment) Rules, 2015.
 - (2) Save as otherwise provided, these rules shall come into force on the date of their final publication in the Official Gazette.
- 2. In the Central Motor Vehicle Rules 1989 (here in referred as the said rules) at the end of sub-clause (3) of rule 125-C following to be inserted with
 - "(4) With effect from date all M2 and M3 category of passenger vehicles (buses) shall be fitted with Video Surveillance System inside the bus for the security of passenger as detailed in Bus Body Code AIS:052.
 - (5) With effect from date all types of passenger transport vehicles shall be fitted with tamper proof Vehicle Tracking System of approved make and approved service provider by the State Government."

AIS 076

a) 5.2.1 General

The warning signal shall be clearly audible and recognizable and shall differ significantly from the other audible signals used in road traffic.

In addition to the original equipment audib e warning device, a separate audible warning device shall be fitted in the area of the vehicle, which is controlled by the VAS, where it shall be protected against easy, rapid access by persons.

If a separate audible warning device according to paragraph 5.2.3.1 below is used, the original equipment standard audible warning device may additionally be actuated by the VAS, provided that any tampering with the standard audible warning device. (generally more easily accessible)

Note:

- 1. Matter in the first paragraph as stated above is non-conclusive and subjective. In India people have a tendency to use horn more frequently compared to other western countries, hence there is a need to define the audible warning signal.
- 2. It is stated that standard audible warning device is generally more accessible and separate warning device shall be protected against easy and rapid by persons.

Hence, we recommend that a separate audible warning device should be made mandatory

29/9 39/5 39/5 b.) 6.2.13 Safety against false alarm in the event of an impact on the vehicle

It shall be verified that an impact of up to 4.5 Joules of a hemispherical body with 165 mm in diameter and 70±10 Shore A applied anywhere to the vehicle bodywork or safety glass with its curved surface does not cause false alarms.

Note:

1.) Since the impact of a hemispherical body will behave differently at different locations of the vehicle because the vehicle body is hanging on the suspension.

Hence we recommend that impact points on the vehicle body should be defined.

c) .11.1.1

Some kinds of additional sensors, e.g. passenger compartment control (ultrasonic, infrared) or inclination sensor, etc. may be intentionally deactivated. In case, separate deliberate action may be taken each time before the AS is set. It must not be possible to deactivate the sensors while the alarm system is in a set state.

Note:

1.) This feature is being given so that user can configure the sensor depending upon his need. The process is involved and if we

reset the settings each time It will not be userfriendly. The convenience of the feature will be lost.

Hence we recommend that "separate deliberate action must be" should be changed to "separate deliberate action may be" Subject: Fwd: Making GPS & Alert button mandatory in Commercial Vehicles

and CCTV in Commercial Buses

To: Vijit Chaudhary <vijit.chaudhary@gov.in>Cc: Irene Cherian <irene.cherian@nic.in>,

DHARKAT R LUIKANG <dharkat@nic.in>

Date: 11/16/15 05:51 PM

From: uma dutt bhargava <udbhargava54@g nail.com

image001.png (10kB)

Dear Mr Vijit,

I understand that the two documents regarding GPS and CCTV, referred to by ARAI in the attached letter/draft, were forwarded to them by MoRTH as received from DIMTS. In my view, these documents need to be minutely scrutinised by experts before being mandated under MVAct/CMVRs. The third document, regarding alert button, also needs to be drawn up. This exercise is obviously required to be undertaken before publication of the draft notification. So I suggest that a meeting may be quickly convened under chairmanship of JS(T) to have a preliminary discussion and form a committee to finalise the three documents. The following may be invited to the meeting:

ARAI, CIRT, ICAT, M/UD, D/E&IT, NIC, ASRTU, BIS, SIAN, DTC, TC Delhi, TCs of 1 or 2 States.

With best wishes,

UDBhargava

----- Forwarded message -----

From: uma dutt bhargava <udbhargava54@gmail.com>

Date: Sun, Nov 8, 2015 at 9:06 AM

Subject: Re: Making GPS & Alert button mandatory in Commercial Vehicles and CCTV in Commercial Buses

To: "A A. Badusha" <badusha.vel@araiindia.com>

Thanks. I will go through the documents and revert very quickly. And wish you and your family also a very happy and prosperous Deepawali.

With best regards.

U D Bhargava

On 08-Nov-2015 8:40 am, "A A. Badusha" <badusha.vel@araiindia.com> wrote:

Dear Sir,

Kindly recall the discussions you had with me on this subject.

I have proposed the draft notification as given in the attachment including the covering letter to the Ministry.

For your kind information and doing the needful.

Wishing you and your family "Happy Diwali & A Happy New Yea".

Warm Regards

A. A. Badusha

Senior Deputy Director & Head

Homologation Management, Regulation &

Vehicle Evaluation

Office Landline: 020 - 3023 1370 / 3023 1150

Mobile Phone: +91 - 9975581060

E-mail: badusha.vel@araiindia.com



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No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport & Highways

Transport Bhawan, 1 Parliament Street, New Delhi-110001.

Dated, the 30 November, 2015.

MEETING NOTICE

Sub: Meeting to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in all passenger vehicles.

Principal Secretary to PM reviewed implementation of "Nirbhaya Fund" and it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

- 2. In view of the above, a meeting will be held under the Chairmanship of Shri. Abhay Damle, Joint Secretary (Transport), Government of India, Ministry of Road Transport and Highways on 3rd December, 2015 at 2.30 PM in his chamber, Room No.520, 5th Floor, Parivahan Bhawan, Sansad Marg, New Delhi 01 to discuss the above mentioned subject.
- You are requested to kindly make it convenient to attend the meeting.

(Irene Cherian)

Deputy Secretary to the Govt. of India

Tele: 011-23710195

e-mail: irene.therian@nic.in

To,

- The Joint Secretary, Department of Electronics & Information Technology, CGO Complex, New Delhi 110003.
- 2. Shri Neeraj Mandloi, Joint Secretary, Ministry of Urban Development Nirman Bhawan, New Delhi-110011.
- 3. The Transport Commissioner, Government of NCT of Delhi, 5/9, Under Hill Road, New Delhi-110 054.

- 4. Transport Commissioner, Government of Gujarat, Office of Commissioner of Transport, 6/2, Dr. Jlvraj Mehta Bhawan, Gandhinagar-382 010.
- 5. The Transport Commissioner, Govt of Maharashtra, Administrative Building, 4th Floor, Govt. Colony, Bandra (E), Mumbai-400 051
- 6. Shri. S.S.Gahlout, DDG, NIC, CGO Complex, Lodhi Road, New Delhi 110003.
- 7. The Director (ARAI) Automotive Research Association of India Survey No. 102, Vetal Hill. Off Paud Road, Kothrud, Pune 411 038.
- 8. The Director, Central Institute of Road Transport (CIRT), Post Box 1897, Bhosari, Pune-Nasik Road (Near Nasik Phata), Pune-411026.
- The Executive Director, Association of State Road Transport Undertakings (ASRTU)
 ASRTU Bhawan, Plot 4-A, PSP Block, Pocket -14, Sector-8, Dwarka, New Delhi-110
 075.
- 10. The Deputy Director General (Technical), Bureau of Ind an Standards, (BIS) Manak Bhawan, 9 Bahadur Shah Zafar Marg, New delhi-110002.
- 11. Ms. C.R. Garg, Managing Director, Delhi Transport Corporation, (DTC) Indraprashtha Estate, New Delhi-110002.
- 12. The Vice Chairman, TTS, DIMTS Ltd., Block 1, 5th Floor, Delhi IT Park, Shastri Park, New Delhi 110053 (With a request to prepare a presentation on the above mentioned subject)
- 13. Mr. Vinod Mishra, Technical Head, MapmyIndia (CE Info Systems Pvt. Ltd.), 68, Okhla phase III, New Delhi 110020. (vinod.mishra@mapmyir dia.com)

Copy to: PS to JS(T) / Dir(T) / DS(MVL).

Immediate

No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport & Highways

Transport Bhawan, 1 Parliament Street, New Delhi-110001.

Dated, the Novemver, 2015.

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- 2. In view of the above, a meeting will be held under the Chairmanship of Shri. Abhay Damle, Joint Secretary (Transport), Government of India, Ministry of Road Transport and Highways on 3rd December, 2015 at 2.30 PM in his chamber, Room No.520, 5th Floor, Parivahan Bhawan, Sansad Marg, New Delhi 01 to discuss the above mentioned subject.
- 3. You are requested to kindly make it convenient to attend the meeting.

(Irene Cherian)
Deputy Secretary to the Govt. of India
Tele: 011- 23710195
e-mail: irene.cherian@nic.in

To,

- 1. The Joint Secretary, Department of Electronics & Information Technology, CGO Complex, New Delhi 110003.
- 2. Shri Neeraj Mandloi, Joint Secretary, Ministry of Urban Development Nirman Bhawan, New Delhi-110011.
- 3. The Transport Commissione, Government of NCT of Delhi, 5/9, Under Hill Road, New Delhi-110 054.

- 4. Transport Commissioner Government of Gujarat, Office of Commissioner of Transport, 6/2, Dr. Jlvraj Nehta Bhawan, Gandhinagar-382 01).
- 5. The Transport Commissioner, Govt of Maharashtra Administrative Building, 4th Floor, Govt. Colony, Bandra (E) Mumbai-400 051
- 6. Shri. S.S.Gahldut, DDG, NIC, CGO Complex, Lodh Road, New Delhi 110003.
- 7. The Director (ARAI) Automotive Research Association of India Survey No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune 411 038.
- 8. The Director, Central Institute of Road Transport (CIRT), Post Box 1897, Bhosari, Pune-Nasik Road (Near Nasik Phata), Pune-411026.
- 9. The Executive Director, Association of State Road Transport Undertakings (ASRTU) ASRTU Bhawan, Plot 4-A, PSP Block, Pocket -14, Sector-8, Dwarka, New Delhi-110 075.
- 10. The Deputy Director General (Technical), Bureau of Indian Standards, (BIS) Manak Bhawan, 9 Bahadur Shah Zafar Marg, New delhi-110002.
- 11. Ms. C.R. Garg, Managing Director, Delhi Transport Corporation, (DTC) Indraprashtha Estate, New Delhi-110002.
- 12. The Vice Chair man, TTS, DIMTS Ltd., Block − 1, 5th Floor, Delhi IT Park, Shastri Park, New Delhi − 11 0053 (With a request to prepare a presentation on the above mentioned subject)
- 13. Mr. Vinod Mish a, Technical Head, Mapmylndia (CE Info Systems Pvt. Ltd.), 68, Okhla phase III, New Delhi 110020. (vinod.mishra@mapmyindia.com)

Copy to: PS to JS(T) / Dir(T) / DS(MVL).

Immediate

No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport & Highways

> Transport Bhawan, 1 Parliament Street, New Delhi-110001.

> > Dated, the 4th December, 2015.

MEETING NOTICE

Sub Meeting to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in all passenger vehicles.

Principal Secretary to PM reviewed implementation of "Nirbhaya Fund" and it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

- 2. In view of the above, a meeting will be held under the Chairmanship of Shri. Abhay Damle, Joint Secretary (Transport), Government of India, Ministry of Road Transport and Highways on 10th December, 2015 at 10.00 AM in his chamber, Room No.520, 5th Floor, Parivahan Bhawan, Sansad Ma g, New Delhi 110001 to discuss the above mentioned subject.
- 3. You are requested to kindly make it convenient to attend the meeting.

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tele: 011- 23357125 E-mail: dharkat@nic.in

To,

- 1. The Joint Secretary, Department of Electronics & Information Technology, CGO Complex, New Delhi 110003.
- 2. Shri Neeraj Mandloi, Join Secretary, Ministry of Urban Development Nirman Bhawan, New Delhi-110011.
- 3. The Transport Commissioner, Government of NCT of Delhi, 5/9, Under Hill Road, New Delhi-110 054.

- 4. Transport Commissioner, Government of Gujarat, Office of Commissioner of Transport, 6/2, Dr. Jivraj Mehta Bhawan, Gandhinagar-382 010.
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- 6. Shri. S.S.Gahlout, DDG, NIC, CGO Complex, Lodhi Road, New Delhi 110003.
- 7. The Director (ARAI) Automotive Research Association of India Survey No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune 411 038.
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- 9. The Executive Director, Association of State Road Transport Undertakings (ASRTU) ASRTU Bhawan, Plot 4-A, PSP Block, Pocket -14, Sector-8, Dwarka, New Delhi-110 075.
- 10. The Deputy Director General (Technical), Bureau of Indian Standards, (BIS) Manak Bhawan, 9 Bahadur Shah Zafar Marg, New delhi-110002.
- 11. Ms. C.R. Garg, Managing Director, Delhi Transport Corporation, (DTC) Indraprashtha Estate, New Delhi-110002.
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Copy to: PS to JS(T) / Dir(T) / DS(MVL).

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

New Delhi, the

November, 2015

Notification

Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of Motor Vehicles Ac., 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of ----- days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (-----Amendment) Rules, a 2015.
 - (2) Save as otherwise provided in these rules, they shall come into force on the date of their publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-G, the following rule shall be inserted namely.-

"125-H. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) Save as otherwise provided hereunder, all motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or

fitted with vehicle location tracking device, CCTV based surveillance system, and one or more emergency buttons as per the Table below:

TABLE				
Sl.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	CCTV based surveillance system	Emergency Button
1	23 passengers and above (excluding Driver)	Yes	Yes	Yes
2	Less than 23 passengers (excluding Driver)	Yes	No	Yes

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

Provided that the specifications, testing and certification requirements of the Vehicle Location Tracking Device and the alert button shall be in accordance with Reference Document (MoRTH/Document/2015/.....?) as laid down by Central Government.

Provided that the specifications, testing and certification requirements of the CCTV based surveillance system shall be in accordance with Reference Document (MoRTH/Document/2015/......??) as laid down by Central Government.

Provided further that the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with Reference Document (MoRTH/Document/2015/....???) as laid down by Central Government.

Explanation: For the purpose of this rule, it is clarified that on and from the date of commencement of the Central motor Vehicle, (------ Amendment) Rules, 2015, this rule shall prevail over all orders and notifications issued by the state Governments in respect of the devices and systems covered under this rule."



The Automotive Research Association of Ind

(Research Institute of the Automotive Industry with Ministry of Heavy Industries & Public Enterprises, Govt. of In

ARAI/HMR/MORT&H/15-16/24

November 17, 2015

Ministry of Road Transport & Highways Transport Bhawan No. 1, Parliament Street New Delhi 110 001

Attn: Shri Rajeev Lochan, Director (T)

Sub: ARAI's views on proposed Draft Notification for making GPS & alert button mandatory in Commercial Vehicles and CCTV in Commercial Buses.

Dear Sir,

This has reference to our communication Ref : ARAI/HMR/MoRT&H/15-16/23 dated 6th November, 2015 regarding proposed Draft notification for mandating GPS & Alert button in Commercial Vehicles and CCTV in Commercial Buses, as urgently requested by the Ministry. In this regard we wish to highlight the following issues for the consideration of the Ministry.

- (1) The documents giving the specification for the GPS and CCTV systems need to be authenticated by giving a formal document number of the Ministry and would need to be uploaded on the Ministry Website to be available on the public domain.
- (2) It is opined that in conjunction with the documents giving the required specifications for the GPS and CCTV Systems a document specifying the installation requirements of such devices would need to be generated. This document too would need to be authenticated by giving a Formal Document number of the ministry and would need to be uploaded on the Ministry Website for the reference of the public.
- (3) The three documents referred to in (1) and (2) above may be then referred to in the proposed draft notification.
- (4) Ministry may also like to consider specific provisions regarding the implementation of provision of such devices on different models of such vehicles, i.e., new and in-use vehicles.
- (5) ARAL is in the process of studying the documents giving the specifications for GPS and CCTV systems and would offer comments on the same especially with respect to test approval procedure, for the consideration of the Ministry.

In our opinion a meeting of all the stakeholders would be necessary to discuss all the above points and decide further course of action.

With kind regards,

Yours sincerely,

A. A. Badusha

Sr. Deputy Director & Head

Homologation IV anagement, Regulation &

Vehicle Evaluation.





The Automotive Research Association of India

(Research Institute of the Automotive Industry with Ministry of Fleavy Industries & Public Enterprises, Govt. of India)

ARAI/HMR/MORT&H/15-16/23

November 6, 2015

Ministry of Road Transport & Highways Transport Bhawan No. 1, Parliament Street New Delhi 110 001

Attn: Shri Rajeev Lochan, Director (T)

Sub: Proposed draft Notification for making GPS & alert button mandatory in Commercial Vehicles and CCTV in Commercial Buses.

Dear Sir,

This has reference to Ministry's Letter No. RT-16011/2/2013 (Pt-IV), dated 9th October, 2015 and etter No. RT-16011/2/2013 (Pt-IX), dated 18th September, 2015 on the above subject.

Please find enclosed the proposed Draft notification to this effect for the kind consideration of he Ministry.

Ministry may like to identify the following Documents by Reference Document Numbers, which can be directly referred in the draft notification.

- 1) Detailed Specifications Document for Vehicle Tracking Devices (GPS) (Ref: MoRT&H/
- Detailed Specifications Document for CCTV Devices (Ref: MoRT&H/Document/2015/- --??).

t may also be noted that a third reference document (Ref: MoRT&H/Document/2015/----???) may be necessary to address the manner of fitment of the devices either by the manufacturer or their dealer or by the respective operator. This document will also be needed to be referred in the proposed notification.

With kind regards,

Yours sincerely,

A. A. Badusha

Sr. Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation.

Encl.: As above



[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

New Delhi, the

November, 2015

Notification

G.S.R.....(E) --- The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of ----- days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (----Amendment) Rules, 2015.
 - (2) Save as otherwise provided in these rules, they shall come into force on the date of their publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-G, the following rule shall be inserted namely.-
 - "125-H. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) Save as otherwise provided hereunder, all motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or

fitted with vehicle location tracking device, CCT/ based surveillance system, and one or more emergency buttons as per the Table below:

TABLE

Sl.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	CCTV based surveillance system	Emergency Button
1	23 passengers and above (excluding Driver)	Yes	Yes	Yes
2	Less than 23 passengers (excluding Driver)	Yes	No	Yes

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

Provided that the specifications, testing and certification requirements of the Vehicle Location Tracking Device and the alert button shall be in accordance with Reference Document (MoRTH/Document/2015/....?) as laid down by Central Government.

Provided that the specifications, testing and certification requirements of the CCTV based surveillance system shall be in accordance with Reference Document (MoRTH/Document/2015/......??) as laid down by Central Government.

Provided further that the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with Reference Document (MoRTH/Document/2015/....???) as laid down by Central Government.

<u>Explanation</u>: For the purpose of this rule, it is clarified that on and from the date of commencement of the Central motor Vehicle, (------- Amendment) Rules, 2015, this rule shall prevail over all orders and notifications issued by the state Governments in respect of the devices and systems covered under this rule."

The Automotive Research / ssociation of Inc

(Research Institute of the Automotive Industry with Ministry of date: Industries & Public Enterprises, Govt of In

ARAI/HMR/MORT&H/15-16/24

November 17, 2015

Ministry of Road Transport & Highways Transport Bhawan No. 1, Parliament Street New Delhi 110 001

Attn: Shri Rajeev Lochan, Director (T)

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- (2) It is opined that in conjunction with the documents giving the required specifications for the GPS and CCTV Systems a document specifying the installation requirements of such devices would need to be generated. This document too would need to be authenticated by giving a Formal Document number of the ministry and would need to be uploaded on the Ministry Website for the reference of the public.
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- (5) ARAI is in the process of studying the documents giving the specifications for GPS and CCTV systems and would offer comments on the same especially with respect to test approval procedure, for the consideration of the Ministry.

In our opinion a meeting of all the stakeholders would be necessary to discuss all the above points and decide further course of action.

With kind regards,

Yours sincerely,

A. A. Badusha

Sr. Deputy Director & Head

Homologation Management, Regulation &

Vehicle Evaluation.





ARAI/HMR/MORT&H/15-16/0 2

November 6, 2015

Ministry of Road Transport & Highways Transport Bhawan No. 1, Parliament Street New Delhi 110 001

Attn: Shri Rajeev Lochan, Director (T)

Sub: Proposed draft Notification for making GPS & alert button mandatory in Commercial Vehicles and CCTV in Commercial Buses.

Dear Sir,

This has reference to Ministry's Letter No. RT-16011/2/2013 (Pt-IV), dated 9th October, 2015 and Letter No. RT-16011/2/2013 (Pt-IX), dated 18th September, 2015 on the above subject.

Please find enclosed the proposed Draft notification to this effect for the kind consideration of the Ministry.

Ministry may like to identify the following Documents by Reference Document Numbers, which can be directly referred in the draft notification.

- (1) Detailed Specifications Document for Vehicle Tracking Devices (GPS) (Ref: MoRT&H/ Document/2015/----?).
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It may also be noted that a third reference document (Ref: MoRT&H/Document/2015/---???) may be necessary to address the manner of fitment of the devices either by the manufacturer or their dealer or by the respective operator. This document will also be needed to be referred in the proposed notification.

With kind regards,

Yours sincerely,

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Sr. Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation.

Encl.: As above



Well to www.araim.Hit.com

Subject: Fwd: Meeting to discuss the implementation of Nirbhaya Fund and Date: 12/04/15 11:28 AM

to make GPS, CCTV and alert button mandatory in all passenger From: "DHARKAT R LUIKANG" <dharkat@nic.

vehicles

To: ddgc@bis.org.in

meeting notice for 10.12.2015.docx (714kB)

----- Original Message -----

From: "DHARKAT R LUIKANG" < dharkat@nic.in>

Date: Dec 4, 2015 11:08:26 AM

Subject: Meeting to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in a

passenger vehicles

To: commtpt <commtpt@nic.in>, jsud@nic.in, Transport Comm Gujarat <comm-trans@gujarat.gov.in>, transport commissioner <adcommissioner@mahatranscom.in>, joy deep <joydeep@nic.in>, Director ARAI <director@araiindia.com "Director, Cirt" <director@cirtindia.com>, ASRTU <ed@asrtu.org>, srikanth Yajjala BIS <srikanthyajjala@bis.org.in>, Rake Jain <rakesh.jain@dimts.in>, alok.sethi@dimts.in, vinod.mishra@mapmyindia.com

Cc: irene cherian director mvl <irene.cherian@nic.in>, SO (MVL) <hansraj.rth@nic.in>, JS(T) <abhay.damle@gov.in>

Madam/Sir

Please find attached meeting notice for 10th December, 2015. You are requested to kindly make it convenient to attend the meeting.

With Regards (Dharkat R. Luikang) Under Secretary (MVL) Ministry of Road Transport & Highways

With Regards (Dharkat R. Luikang) Under Secretary (MVL) Ministry of Road Transport & Highways

No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport & Highways

Transport Bhawan, 1 Parliament Street, New Delhi-110001. Dated, the 30 Novemver, 2015.

MEETING NOTICE

Sub: Meeting to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in all passenger vehicles.

Principal Secretary to PM reviewed implementation of "Nirbhaya Fund" and it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

- In view of the above, a meeting will be held under the Chairmanship of Shri. Abhay Damle, Joint Secretary (Transport), Government of India, Ministry of Road Transport and Highways on 3rd December, 2015 at 2.30 PM in his chamber, Room No.520, 5th Floor, Parivahan Bhawan, Sansad Marg, New Delhi - 01 to discuss the above mentioned subject.
- You are requested to kindly make it convenient to attend the meeting.

Deputy Secretary to the Govt. of India Tele: 011-23710195

e-mail: irene.cherian@nic.in

To,

1. The Joint Secretary, Department of Electronics & Information Technology, CGO Complex, New Delhi - 110003. → 24363078

2. Shri Neeraj Mandloi, Joint Secretary, Ministry of Urban Development Nirman Bhawan, New Delhi-110011. 23063255

3. The Transport Commissioner, Government of NCT of Delhi, 5/9, Under Hill Road, New Delhi-110 054. 23994283

- 5. The Transport Commissioner, Govt of Maharashtra, Administrative Building, 4th Floor, Govt. Colony, Bandra (E), Mumbai-400 051 \$2-\$65|6336, \$6650093
- 6. Shri. S.S.Gahlout, DDG, NIC, CGO Complex, Lodhi Road, New Delhi 110003. (34305336).
- 7. The Director (ARAI) Automotive Research Association of India Survey No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune 411 038.
- 8. The Director, Central Institute of Road Transport (CIRT), Post Box 1897, Bhosari, Pune-Nasik Road (Near Nasik Phata), Pune-411026. (020-2712517, 27125472
- 9. The Executive Director, Association of State Road Transport Undertakings (ASRTU) ASRTU Bhawan, Plot 4-A, PSP Block, Pocket -14, Sector-8, Dwarka, New Delhi-110 075.
- 10. The Deputy Director General (Technical), Bureau of Indian Standards, (BIS) Manak Bhawan, 9 Bahadur Shah Zafar Marg, New delhi-110002.
- 11. Ms. C.R. Garg, Managing Director, Delhi Transport Corporation, (DTC) Indraprashtha Estate, New Delhi-110002. (23379075, 43508653, 23370236
- 12. The Vice Chairman, TTS, DIMTS Ltd., Block 1, 5th Floor, Delhi IT Park, Shastri Park, New Delhi 110053 (With a request to prepare a presentation on the above mentioned subject)
- 13. Mr. Vinod Mishra, Technical Head, MapmyIndia (CE Info Systems Pvt. Ltd.), 68, Okhla phase III, New Delhi 110020. (vinod.mishra@mapmyindia.com)

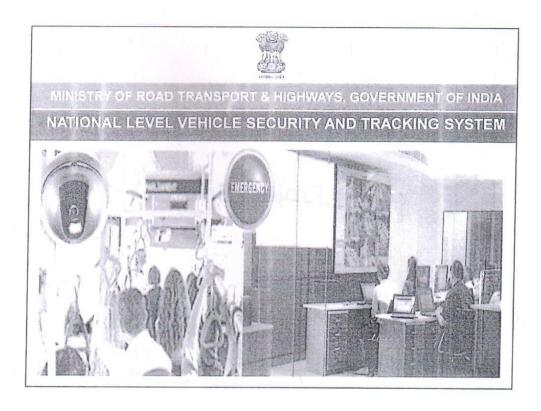
Copy to: PS to JS(T) / Dir(T) / DS(MVL).

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Outline

- Project Brief
- Current Status

1

Project Brief

Project Details-Objectives

Implication Salary annihologopal in Paleite American

- Safety of women and girl child in public transport vehicles of the country-Emergency Button, CCTV in Bus, GPS based monitoring
- Faster response time in attending to distress calls from passengers
- Psychological sensitivity in driver, crew and prospective offenders: Act as a deterrent to crime in general and especially against women
- Evidence for crime investigation and prosecution

Project Details-Components

- Installation of GPS, Emergency Buttons and CCTV (in buses only) in specified public transport vehicles having population of more than one million (32 cities to begin with)
- No of vehicles (estimated)- 3 million
- City Command and Control Centre in each city.
- · Architecture to be scalable to add additional cities
- Alerts Feed to MHA System

On-board Vehicle Security and Tracking Device

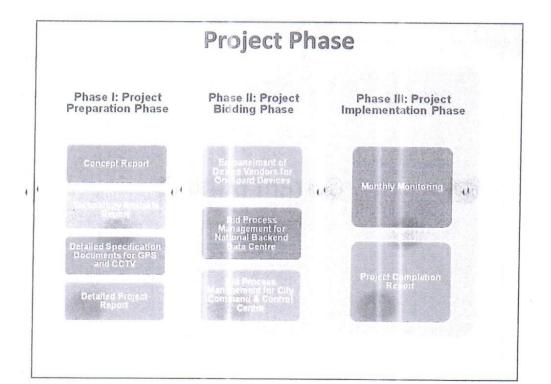
- GPS Device
- Emergency Button
- CCTV System

City Command and Control Centre

- · Help Desk
- Multi-channel communication
- Operator Consoles
- € Video Wall

National Backend Data Centre

- Security and Tracking Application
- Data Centre
- Help Desk (Technical)
- NOC (Central Operations)
- Disaster Recovery



Progress

Cabinet Approval
Sanction of Project
O1.07.2014
Appointment of Consultant (DIMTS)
O7.07.2014
Concept Report
Technology Analysis Report
Detailed Specification document for GPS
27.01.2015

Detailed Specification document for

27.01.2015

CCTV

Detailed Project Report

Submitted in March 2015

Request for Proposal for Backend

Submitted in March 2015

System

Current Status

PMO Directed Reviews

- PMO directed for review of the project during meeting held on 10.03.2015.
- Meeting held by Secretary, DeitY on 26.03.2015. It was suggested that the MoRTH system be integrated with proposed MHA system for emergency response and no backend need to be set up by MoRTH
- Core Group formed by DeitY on 27.04.2015 which held a meeting on 29.04.2015 and subsequently made following recommendations:
 - The MoRTH system to be integrated with MHA and no backend to be set up by MoRTH
 - Pilot in two cities and subsequently nation wide roll out

Core Group Report Discussion at PMO

- The Core Group (constituted by DeitY) report was discussed at the PMO on 19.05.2015 and MoRTH was advised by the PMO in June 2015 for the following:
 - MoRTH may re-examine the objectives of their proposal in light of core group recommendations and bring up a new CCEA note accordingly. It must get integrated with the features created/envisaged in MHA proposal
 - As the MoRTH proposal was earlier cleared by CCEA, the revision should also get the endbrisement of the CCEA
- Core Group has found the MoRTH proposal to be comprehensive and supporting the objective of acting as deterrent to crime in general including the crime on women.

Communication with MHA

- The matter was referred to MHA by MoRTH (29.07.2015) to confirm whether their system supports the functions envisaged in MoRTH system.
- MHA response: (06.08.2015)
 - Only the alert data to be originated from MoRTH project will be integrated with NERS System of MHA
 - All other requirements like vehicle permit, license, tracking deviation of vehicles from permitted routes etc. do not match with the objective of MHA project and have to dealt with by the MoRTH system

Communication with PMO

- Secretary, MoRTH wrote to PMO (13.08.2015) stating that the system be implemented in two phases:
- · Phase 1
 - Pilot in 2 Cities (Mumbai and Bengaluru)
 - Scalable central backend to be set up by MoRTH in view of the MHA response that their backend does not provide for the features required by MoRTH
 - City Control Centre in cities
- · Phase 2
 - Other million plus cities to be progressively covered as per scheme

Meeting (18.09.2015) at PMO

- The requirement of CCTV cameras in commercial buses on the recommendation of the Task Force to be examined by MoRTH and decision on its implementation to be taken up by MoRTH within 30 days
- MoRTH will modify the rules under MV Act for mandatory provision of GPS/Alert But on in commercial vehicles
- The monitoring and follow-up on the alert received from the commercial vehicle, in case of distress signal, will be carried out by the Police, for which MHA will take appropriate action
- DeitY will look into the requirements of the technology and other aspects of alert buttor project

Source: Minutes

Meeting (23.10.2015) Chaired by Secretary, MoRTH

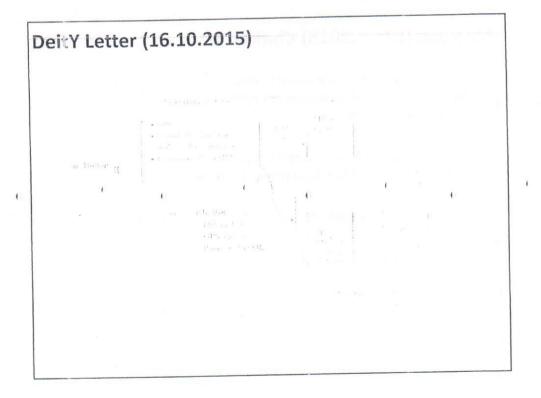
- CCTV system: A SRTU was asked to obtain the details of model adopted by BEST in Mumbai for implementing the CCTV system in their buses for circulation to all states.
- Health check and related aspects to be dealt with by the MHA backend system. MoRTH not to set up any backend.
- CDAC to make available GPS device/alert button specifications to MoRTH

Source: Minutes Dated 03.11.2015

DeitY Letter (16.10.2015)

- The device must include the ability to provide geo-location of the vehicle, its registration number, owner/driver details to the control room through GPRS/SMS, once it is activated
- It should be possible for the driver of the bus/ taxi or the passenger to detect the mal-functioning or tampering of the alert device. This should be possible both locally and remotely
- For this a backend system would have to be set up by MoRTH or its designated agency (DeitY suggested schema provided in next slide)

(Letter received by MoRTH on 23.10.2015)



[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

New Delhi, the

November, 2015

Notification

G.S.R......(E) --- The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of ----- days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- (1) Thèse rules may be called the Central Motor Vehicles (----Amendment) Rules, 2015.
 - (2) Save as otherwise provided in these rules, they shall come into force on the date of their publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-G, the following rule shall be inserted namely.-
 - "125-H. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) Save as otherwise provided hereunder, all motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or

fitted with vehicle location tracking device, CCTV based surveillance system, and one or more emergency buttons as per the Table below:

TARIF

Sl.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	CCTV based surveillance system	Emergency Button
1	23 passengers and above (excluding Driver)	Yes	Yes	Yes
2	Less than 23 passengers (excluding Driver)	Yes	No	Yes

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

Provided that the specifications, testing and certification requirements of the Vehicle Location Tracking Device and the alert button shall be in accordance with Reference Document (MoRTH/Document/2015/....?) as laid down by Central Government.

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<u>Explanation</u>: For the purpose of this rule, it is clarified that on and from the date of commencement of the Central motor Vehicle, (----- Amendment) Rules, 2015, this rule shall prevail over all orders and notifications issued by the state Governments in respect of the devices and systems covered under this rule."



The Automotive Research Association of Inc

(Research Institute of the Automotive Industry with Ministry of Heavy Industries & Public Enterprises, Govt. of

ARAI/HMR/MORT&H/15-16/24

November 17, 2015

Ministry of Road Transport & Highways Transport Bhawan No. 1, Parliament Street New Delhi 110 001

Attn: Shri Rajeev Lochan, Director (T)

Sub: ARAI's views on proposed Draft Notification for making GPS & alert button mandatory in Commercial Vehicles and CCTV in Commercial Buses.

Dear Sir,

This has reference to our communication Ref : ARAI/HMR/MoRT&H/15-16/23 dated 6th November, 2015 regarding proposed Draft notification for mandating GPS & Alert button in Commercial Vehicles and CCTV in Commercial Buses, as urgently requested by the Ministry. In this regard we wish to highlight the following issues for the consideration of the Ministry.

- (1) The documents giving the specification for the GPS and CCTV systems need to be authenticated by giving a formal document number of the Ministry and would need to be uploaded on the Ministry Website to be available on the public domain.
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Yours sincerely.

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Sr. Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation.



The Automotive Research Association of India

(Research Institute of the Automotive Industry with Ministry of Heavy Edustries & Public Enterprises, Govt. of India)

ARAI/HMR/MORT&H/15-16/23

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Homologation Management, Regulation &

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Encl.: As above



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Sr. Deputy Director & Head

Homologation Management, Regulation &

Vehicle Evaluation.



Website: www.ara.india.co



The Automotive Research Association of India

(Research Institute of the Automotive Industry with Ministry of Heavy Industries & Public Enterprises, Govt. of India)

ARAI/HMR/MORT&H/15-16/23

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Sr. Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation.

Encl.: As above



- 54.

Subject: Meeting to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in all passenger vehicles.

Date: 12/29/15 05:58 PM

From: "Vijit Chaudhary" <vijit.chaudhary@gov

To: rpsingh.bis <rrsingh@bis.org.in>, umeshks@cirtindia.com, subhashini@cirtindia.com, vinod.mishra@mapmyindia.com, akakkardcgmdtc@gmail.com, deshpande.acd@araiindia.com, RAJ KUMAR SINGH DIRECTOR <rk.singh66@nic.in>, rakesh.jain@dimts.in, alok.sethi@dimts.in, anandi23@yahoo.com

warns.in, analuiza@yanoo.com

MOM_GPS, CCTV.pdf (1.4MB)

<u>Immedia</u>

No. RT-11028/12/2015-MVL

Government of India Ministry of Road Transport & Highways

> Transport Bhawan, 1 Parliament Stre New Delhi-11000

Sir/Madam,

I am directed to forward herewith the minutes of the meeting (attached) held under the chairmanship of JS(T) on 10 December, 2015 regarding the above mentioned subject for information and necessary action.

Yours faithfully

Vijit Chaudhar Ministry of Road Transport and Highways

Minutes of meeting held on 10.12.2015 to discuss the implementation of Nirbhaya Fund and to make GPS, CCTV and alert button mandatory in all passenger vehicles.

List of participants is annexed.

The meeting was convened to inorder to implement the decision taken in the review meeting held by the PMO to make GPS and alert buttons mandatory in all passenger transport vehicles and also explore the feasibility to make CCTV mandatory in public transport vehicles.

- 2. JS(T) welcomed the participants. He updated the participants of the importance to mandate installation of GPS and alert buttons in all passenger transport vehicles and CCTV mandatory in public transport vehicles. The participants were apprised of the fact that Ministry has already drafted the notification for implementation of the above devices in transport vehicles. Inputs from DIETY is awaited on the draft notification.
- 3. Representatives of DIMTS made a presentation on their project 'National level vehicle security and tracking system'. After a detailed discussion, it was agreed that a meeting may be held with the stakeholders who can establish the backend infrastructure and data centres viz., KMC, BSNL, ITI, Meghdoot, Railtel andThe portal for VTS output should be clearly defined. The agencies for granting type approval may also be identified as the agencies listed under rule 126 of CMVR do not have capability for this testing. With regard to CCTV, efforts should be made to provide for coverage rather than specify the number of cameras. The cost of implementation of the standard should not be that high otherwise it would be difficult to implement.
- 4. It was also agreed that a draft protocol may be submitted by DIMTS which may be circulated to concerned stakeholders. As far as Ministry of Home Affairs is concerned, they need information of only two fields viz., (i) location of the vehicle at any point of time and (ii) the details of the vehicle.

5. The specifications of CCTV camera were also discussed. These needs to be examined from the prospective of privacy of individuals.

6. The meeting ended with vote of thanks to the Chair.

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ATTENDANCE SHEET

MEETING UNDER THE CHAIRMANSHIP OF JOINT SECRETAR (TRANSPORT) TO DISCUSS fitnent of GPS in Commercial transport HELD ON 10.12.2015 AT 10.00 AM.

SI.	Name & Designation (In	Organization	/ Tolo/Mobile N. M.	1
No		Department	/ Tele/Mob.phone No./Fax No. & e-mail id.	Signature
1.			Tele/Mob:	
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	Rajser Lochem		E-mail:	(AS)
2.	Rajeer Ranjan Singl	8	Tele/Mob.:	
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			E-mail: RRSINGH@BL8.0161	N
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4.	G. Subhashini	1105	Tele/Mob.: 9970185886	
	Head - Trainiph Consultancy	CIRT	Fax: 620 - 67345407	& Subbadi
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ATTENDANCE SHEET

MEETING UNDER THE CHAIRMANSHIP OF JOINT SECRETAR(TRANSPORT) TO DISCUSS HELD ON 10.12.2015 AT 10.00 AM.

SI.	Name & Designation (In	Organization/	Tele/Mob.phone No./Fax	Signature
No.	Capital letters (Shri/Ms./Dr.)	Department	No. & e-mail id.	
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No. 18/2/2016-Nirbhaya Fund Government of India

Ministry of Women and Child Development

Room No. 314. Shastri Bhawan, New Delhi-110001

Dated: 3rd March, 2016

Meeting Notice

A meeting has been scheduled to be held on 9th March, 2016(Wednesday) at 11:00 A.M. under the Chairmanship of Shri.V. Somasundaran, Secretary, Ministry of Women & Child Development (MWCD) in his chamber, Room No. 601, A Wing, 6th Floor, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001, to review the status of schemes approved and recommended to be funded under Nirbhaya Fund.

2. All concerned are requested to kindly make it convenient to attend the above said

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John on DS(MVL)

To, DS(MVL)

(Shailendra Kureel) Under Secretary to the Govt. of India E-mail - shailendra.kureel@nic.in

Tel.: 23382676

1. Secretary, Ministry of Road Transport & Highways

2. Secretary, Ministry of Home Affairs.

3. Chairman, Railway Board, Ministry of Railways

4. Secretary, Department of Electronics & Communication Technology.

5. Joint Secretary, Department of Economic Affairs (DEA), Ministry of Finance.

Coby to:

1. PPS to Secretary, MWCD

2. PPS to AS(PS), MWCD

3. PS to JS&FA

4. PA to EA(NM)/PA to JD(AL)

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No. 18/2/2016-Nirl haya Fund Government of India Ainistry of Women and Ch ld Development

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2. All concerned are requested to kind y make it convenient to attend the above said meeting.

(Shailendra Kureel)
Under Secretary to the Govt. of India
E-mail – shailendra.kureel@nic.in
Tel.: 23382676

To,

- 1. Secretary, Ministry of Road Transport & H ghways
- 2. Secretary, Ministry of Home Affairs.
- 3. Chairman, Rai way Board, Ministry of Rail ways
- 4. Secretary, Department of Electronics & Communication Technology.
- 5. Joint Secretary, Department of Economic Affairs (DEA), Ministry of Finance.

Copy to:

- 1. PPS to Secretary, MWCD
- 2. PPS to AS(PS), MWCD
- 3.1 PS to JS&FA
- 4. PA to EA(NM)/PA to JD(AL)

Details of the proposals received and appraised from various Central Ministries/Departments

1. Ministry of Home Affairs:

- a. 'National Emergency Response System (NERS): A proposal on National Emergency Response System (NERS) with a cost of Rs. 321.69 Cr. was approved by the CCEA in February 2014. The proposal aims for the establishment of an integrated computer aided dispatch platform for supporting Geographical Information System based call tracking and Geographical Positioning System based police vehicle dispatch to respond to women and other distress calls and ensure speedy assistance to them. Preparatory work of the tendering process had been initiated and it was found that the financial bid of the bidder was unresponsive and hence the retendering process is being worked out.
- b. Central Victim Compensation Fund (CVCF): Ministry of Women and Child Development has appraised and recommended the proposal of MHA in June 2015 to create a Central Victim Compensation Fund (CVCF) with a onetime Grant/Corpus of Rs.200.00 Cr. The proposed CVCF shall facilitate supporting the States/UT Administrations on a 50:50 matching sharing basis to the extent of the State Budget allocated for various components of Victim Compensation Scheme until they becomes self-sustainable and making special provision for spending up to Rs. 5.00 lakh for treatment of acid attack victims. The Scheme has been approved and the guidelines were issued in October 2015 to States/Union Territories for its implementation.
- c. Investigative Units for Crime against Women (IUCAW): The MHA proposal has been appraised and recommended in October 2015 for setting up of Investigative Units for Crime against Women (IUCAW) of Rs. 324.00 Cr. MHA has proposed to set up 564 investigative Units for Crime against Women in most crime prone districts of each State on a 50:50 cost sharing basis with the States. The objective of these units will be to assist the local police in investigation of heinous crimes against women i.e. rape, acid attack, dowry death and human trafficking etc. After inter ministerial consultations by MHA, the meeting of the SFC was held on 11th December 2015 and the

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proposal was approved. It was also decided that the scheme should be implemented for two years only.

- d. Organized Crime Investigative Agency (OCIA): Empowered Committee of officers under Nirbhaya Fund appraised and recommended the project proposal in November 2015 amounting to Rs. 83.20 Cr. for setting up of OCIA to be funded under Nirbhaya Fund for initial 5 years. OCIA will collate intelligence, investigate the crime of Human Trafficking having national and international ramification and strengthening of capacity building mechanism. The Agency will also coordinate rescue and rehabilitation efforts with other Ministries of the Government of India and State Governments.
- e. Delhi Police: The following two proposals of Delhi Police have been appraised and recommended by the Empowered Committee of officers in February 2016.
 - (i) Provision of facility of Social Workers/Counsellors at the District and Sub-Divisional Police Station Level in Delhi with the help of Ministry of Women & Child Development, Govt. of India of Rs. 6.20 Cr. for 2 years.
 - (ii) New building with women centric facilities for Special Unit for Women & Children (SPUWAC) and Special Unit for North East Region (SPUNER) at Nanakpura, New Delhi of Rs.23.53 Cr.
- f. Cyber Crime Prevention against Women and Children (CCPWC): A proposal of Cyber Crime Prevention against Women and Children of Rs. 244.32 Cr. has been appraised and is under process in the Ministry.

2. Ministry of Women and Child Development:

- a. One Stop Centre Scheme with project cost of Rs. 18.58 Cr. has been approved in March 2015 for setting up of One Stop Centre to support women affected by violence to be funded through Nirbhaya Fund. The scheme aims to facilitate access to an integrated range of services including medical aid, police assistance, legal aid/case management, psychosocial counseling, and temporary support services to women affected by violence.
- 36 one stop centres are to be set up, one in each State/UT.

- 8 Centres are already operational [Raipur(Chhattisgarh), Chandigarh,
 Vijaywada(Andhra Pradesh), Andaman & Nicobar, Daman & Diu,
 Bhubaneshwar(Odisha), Jaipur(Rajasthan), Karnal(Haryana)].
- An amount of Rs. 10.17 Cr. has been released to 31 States/ Union Territories.
- b. The Scheme for Universalisation of Women Helpline has been approved in February 2015 with the project cost of Rs. 69.49 Cr. The scheme is exclusively designed to support women affected by violence, both in private and public spaces, including in the family, community, workplace etc. and will provide 24 hour emergency response to all women affected by violence both in public and private sphere. An amount of Rs. 15.46 Cr. has been sanctioned to 33 States/Union Territories.

3. Ministry of Road Transport and Highways:

The scheme proposed by Ministry of Road Transport and Highways (MoRTH) under Nirbhaya Fund provides for infrastructure for GPS tracking and panic buttons on passenger public transport vehicles. The scheme proposes to install GPS tracking and emergency buttons in public transport vehicles. MoRT&H is in the process of drafting standards for GPS tracking and panic buttons.

4. Ministry of Railways:

The proposal for **Integrated Emergency Response Management System** at balance 1000 A1, A, B, and C category stations of Rs. 500.00 Cr. was appraised and is under process in the Ministry.

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So that specifically a life of the specific alife of the s

Fund in 1013, for implementation of initiatives aimed at enhancing the safety and security for women in the country. It is a non-lapsable corpus fund. The corpus transferred to the Public Account for the Nirbhaya fund till 2014-15 is Rs. 2000.00 Cr.

In Janua 2014, the proposal of Ministry of Road Transport and Highways (Security for women in public read transport) amounting to Rs. 1405 Cr was approved by CCEA. In February 2014, the proposal of Ministry of Home Affairs (National Emergency Response System) amounting to Rs.321.6 was also approved by CCEA. Thus a total of Rs. 1726.69 cr. was sanctioned for both the schemes. But none of the schemes had taken off. There were technological issues in both the proposale. The new Government appointed a core group to look into the technological issues of these schemes. This core group has suggested technological solution for MHA's proposal (NERMS). Now the Preparatory work of the tendering process had been initiated by MHA. The Ministry of Road Transpor & Highways was asked to recast the proposal with laid out standards for GPS tracking and panic but on.

In 2015, keeping in mind the need to have schematic interventions and proper mechanism for handhold ng of women in distress, 2 schemes i.e. One Stop Centre amounting to Rs. 18.58 Cr. and Universal sation of Women Helpline amounting to Rs. 69.49 Cr. were initiated by Ministry of Women and Chile Development. These schemes have made headway. In OSC, 36 one stop centres are to be set up, or e in each State/UT. In this scheme, the proposals from 33 States/UTs have been received. Out of this, funds have been released to 31 States/UTs. 8 Centres are already operational. Four more will oper tional from 8th March 2016. The progress of work in other centres is at different stages of implementation. In Women Helpline, funds have been sanctioned to 33 States/Union Territories.

Facognising the need to strengthen the mechanism for scrutiny and sanction of the proposals under Nabhaya Fund, Ministry of Finance (DEA) has issued guidelines from time to time for administration and operationalization of the Fund. As per the guidelines issued by Ministry of Finance dated 25. 3.2015, Ministry of Women and Child Development would be the nodal Ministry to appraise schemes and nabhaya Fund and also to review and monitor the progress of sanctioned Schemes in conjunction with the line Ministries/Departments. Subsequently guidelines on 26.10.2015 and 06.01.20 6 were issued by which an Empowered Committee of Officers was constituted under the Chairman ship of Secretary, WCD for appraising and approving various schemes/projects proposed by the Minis ries/Departments to be funded from the Nirbhaya Fund.

Further, to ese guidelines proposed to simplify procedure for release of funds from the Nirbhaya Fund in the Pullic Account. This will ensure immediate availability of funds for expenditure on Nirbhaya schemes of the prescribed administrative approvals (SFC/EFC/CCEA) are obtained.

Since M listry of Women and Child development has been made a nodal Ministry (25.03.15 guideline) it has received 11 proposals amounting to Rs.1520.40 Cr. Out of these, Rs.881.25 Cr. proposals (Six) have already been appraised and recommended. The proposal of Railways is appraised and under consideration. The remaining four proposals amounting to Rs. 139.15 Cr. are still awaited from MHA and MORTH.

Details o the proposals appraised and recommended from various Central Ministries/agencies are annexed.

guidelines) under Nirbhaya Fund

S.N.	Name of the proposal & Cost	Name of the Ministry	Status
1.	Creation of Central Victim Compensation Fund (CVCF) costing Rs. 200.00 Cr.	MHA	Appraised and recommended in June 2015
2.	Creation of Investigative Units for Crime against Women (IUCAW) costing Rs. 324.00 Cr	МНА	Appraised and recommended in October 2015
3.	Integrated Emergency Response System (IEMRS) costing Rs. 500.00 Cr.	MoR	Appraised and recommended.
4.	Cyber Crime Prevention against Women & Children (CCPWC) costing Rs. 244.32 Cr.	MHA	Appraised and recommended.
5.	Organized Crime Investigative Agency (OCIA) costing Rs. 83.20 Cr.	MHA	Appraised and recommended in November 2015.
6.	Proposal for providing facility of Social Workers/Counsellors at the District and Sub-Divisional Police Station Level in Delhi with the help of Ministry of Women & Child Development, Govt. of India of Rs. 6.20 Cr. for 2 years.	Delhi Police	Appraised and Recommended in February 2016
7.	New building with women centric facilities for Special Unit for Women & Children (SPUWAC) and Special Unit for North East Region (SPUNER) at Nanakpura, New Delhi of Rs.23.53 Cr.	Delhi Police	Appraised and Recommended in February 2016
8.	IP based CCTV on EDMC Primary Schools costing Rs. 5.50 Cr.	EDMC	EDMC requested to resubmir proposal through MHA. The proposal is still awaited.
9.	Installation of CCTV Camera in EDMC parking sites costing Rs. 6.78 Cr.	EDMC	EDMC requested to resubmit proposal through MHA. The proposal is still awaited.
10.	'Installation of CCTV Cameras in 6655 buses (DTC + Cluster) to strengthen the safety of women in public transport buses costing Rs. 125.00 Cr.	Transport Department GNCT of Delhi	As per the direction of PMO the Delhi Govt. has to send the proposals through Ministry of RT& H. The proposal is still awaited.
11.	Installation of CCTV Cameras through Delhi Transport Infrastructure Development Corporation Limited (DTIDCL) in 100 strategic located modern stainless steel bus queue shelters to strengthen safety of women costing Rs. 1.87 Cr.	Transport Department GNCT of Delhi	As per the direction of PMO the Delhi Govt. has to send the proposals through Ministry of RT& H. The proposal is still awaited.

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Target for completion		
Budgetary allocation 2015-16		
Stage of approval in concerned Ministry		Ą
Name of the scheme/proposal	Ministry of Road Security for Women in public road transport & transport in the country" costing Rs. Highways 1405.00 Cr.	
S.No. Name of the Ministry	Ministry of Road Transport & Highways	
S.No.		

RT-11028/12/2015-MVL Government of India Ministry of Road Transport and Highways

Transport Bhawan, 1, Parliament Street,
New Delhi -110001
Dated the 10 March, 2016.

Office Memorandum

Subject: Status of schemes approved and recommended to be funded under Nirbhaya Fund.

Please find enclosed the status of scheme of MoRTH under Nirbhaya Fund as per the prescribed proforma and a short brief on scheme and on implementation of GPS alert button in passenger transport vehicle and CCTV camera in public transport buses for kind information and further necessary action.

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tel: 011-23357125

E-mail: dharkat@nic.in

Shri Shailendra Kureel, Under Secretary, Ministry of Women and Child Development, Room No. 314, Shastri Bhawan, New Delhi- 110001.

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	WIIIISHY	ocieme/proposal	concerned Ministry.	2015-16	2016-17	
H	Ministry Road	Security for Women in	Scheme approved by	Rs. 653 crore was	Z	The Principal Secretary to Hon'ble PM
	Transport &	public road transport	CCEA on 02.01.2014.	allocated, however		in meeting held on 19.05.2015 has directed
	Highways	in the country"		the same has been	i	MoRTH to re-examine the scheme in line
		costing Rs. 1405.00cr		surrendered, as the		with core committee recommendations and
				role of MoRTH is		bring up a new CCEA note accordingly.
				limited to modifying		At present, feasibility of the scheme is
	5			the rules under the		being re-examined in line with core
				MV Act for		committee recommendations, in
	2			mandatory		consultation with MHA and DeitY.
				provisioning of		A meeting is proposed to be held on
0				GPS/Alert button in	ı	16.03.2016 with MIHA and DeitY to discuss
				commercial vehicles.		the modalities to setup the necessary
						backend system so that the Govt. can
						mandate installation of GPS based alert
						devices in public transport.
						The specifications and protocol
						documents for the CCTV and GPS devices
						were discussed in CMVR - TSC meeting held
						on 20th February 2016.
					,	The revised specification document
						based on suggestions/comments would be
						circulated, once they are finalized shortly.

IMPLEMENTATION OF GPS AND ALERT BUTTON IN PASSENGER TRANSPORT VEHICLES & CCTV CAMERA IN PUBLIC TRANSPORT BUSES

In the meeting convened by Secretary to PM regarding implementation of "Nirbhaya Fund", it was decided that MoRTH will make GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

In this regard, MoRTH proposed to formulate rules under the CMVR, 1989 to mandate GPS and alert buttons mandatory in all passenger transport vehicles. Similarly, CCTV camera will be made mandatory in public transport buses.

The draft document for device specification have been uploaded on MoRTH website since February, 2015. It was decided to obtain comments from DEITY/ CDAC on the specifications. A follow up meeting was held on 25th January 2016 at CDAC, Pune with DG, CDAC and JS MoRTH.

The Summary of the key project milestone is as below:

Milestone	Status
Technology Analysis Report	Finalised 22.12.2014
Detailed Specification document for GPS	Finalised 27.01.2015
	After consultation with stalleholders including device suppliers
Detailed Specification document for CCTV	Finalised 27.01.2015
	After consultation with stalleholders including device suppliers
Specification documents published on MoRTH website	Since Feb 2015
Consultations with DeiTY and CDAC	Final Feedback received on 25th Jan 2016.

Thereafter, the specifications and protocol documents for the CCTV and GPS devices were discussed in CMVR - TSC meeting held on 20th February 2016.

The revised documents based on suggestions/comments would be circulated, once they are finalized shortly.

Implementation of scheme, 'Security for Women in Public Road Transport in the country'

Scheme, Security for Women in Public Road Transport in the country' was approved by Cabinet Committee on Economic Affairs on 02.01.2014 with the objective of providing safe and secure public road transport to people of the country, particularly to women and girl child. This scheme is administered by Ministry of Road Transport & Highways and financed from "Nirbhaya Fund" set up by Ministry of Finance. Total estimated cost of the project is Rs 1404.68 Crore.

- 2. Scheme envisages setting up of a National Level Vehicle Security & Tracking System and City Comm and & Control Centre with installation of GPS/CCTV/panic buttons in public road transport in 32 cities in India having population of more than one million.
 - © Concept Report, Technology Analysis Report, Detailed Specification Document for GPS & CCTV have been prepared and uploaded on Ministry of Road Transport & Highways' website www.morth.nic.in.
- 3. Out of Rs. 50 Crore allocated to Ministry of Road Transport & Highways under Nirbhaya Fund in 2014-15 financial year, Rs. 1,42,63,214/- has been paid to Delhi Integrated Multi Modal Transit Systems Limited(DIMTS) for providing Project Management Consultancy for establishment of National Level Vehicle Security & Tracking System and City Level Command & Control Centre.
- 4. The Principal Secretary to Hon'ble PM in meeting held on 19.05.2015 has directed MoRTH to re-examine the scheme in line with core committee recommendations and bring up a new CCEA note accordingly. At present, feasibility of the scheme is being re-examined in line with core committee recommendations, in consultation with MHA and DeitY.

Funds of Rs. 653 Crore under the scheme allocated in FY 2015-16 have been surrendered. No expenditure has been made under this scheme in this FY 2015-16.

5. MoRT I have held various meetings with DIMTS and CDAC in Dec/Jan, 2016 to finalise draft standards for GPS, tracking & panic buttons and after finalization, the draft standards will be circulated to Ministries/States/UTs for consultation.

A meet ng is proposed to be held on 16.03.2016 with MHA and DeitY to discuss the modalities to setup the necessary backend system so that the Govt. can mandate installation of GPS based alert devices in public transport.

6. The sanction of works under the scheme is being dealt by the Ministry of Women and Child Development.

Implementation of Scheme for Security for Women in Public Road Transport in the Country Chronological Status Report

S No	Activity Description	Date	Remarks/Reasons
1.	Scheme approved by CCEA.	02/01/2014	setting up of a unified system at the National Level (National Vehicle Security and Tracking System) and State level (City Command and Control Centre) for GPS tracking of the location of, emergency buttons in and video recording of incidents in public transport vehicles, in 32 cities of the country with a population of 1 million or more in the first phase. The total cost of the project is Rs.1405 crore which will be funded by Ministry of Finance from the "Nirbhaya Fund".
2.	Funds allocation	01/07/2014	Demanded Rs.30.50 Crore however funds allocated Rs.50 Crore
3.	Contract signed with DIMTS for providing Project Management Consultancy.	7/7/2014	
Follow	ving activities taken		V.
4.	Final Concept Report Approved in PSC	09/09/2014	
5.	Final Technology Analysis Report approved by PSC	17/12/2014	
6.	Request for Qualification (RFQ) for National Backend Data Centre submitted	25/11/2014	
7.	Detailed Specification Document for GPS Approved	27.01.2015	
8.	Detailed Specification Document for CCTV Approved	27.01.2015	
RFPI	Document		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
9.	Industrial Meeting	27/02, 10/03	teting held on 03/02, 05/02/ 10/02, 13/02, 18/02.24/02, 15/03, with Telexell, IBM, HP, Microsoft, Airtel Vendor, CCTV Vendor, etc. by DIMTS
10	Draft RFP Document Volume I: Instruction to Bidders Volume II: Functional. Technical and Operational Requirement Volume III: Draft Master Service Agreement and	23/01/2015	

	Agreement		
	Finalization of RFP	By 25/03/2015	
Detaile	ed Project Report		
	Draft Detailed Project Report submitted by DIMTS	20/03/2015	Multiple meetings were held for fine tuning of RFP document
13	Finalization of DPR	By 25/03/2015	
14	Principal Secretary to Prime Minister took a review meeting	10.03.2015	Secretary. DeitY requested to give a report after examining the schemes of MHA, MoRTH and MoWCD and suggest how they can be effectively integrated with clear arrangement of controls
15	Letter from PS to PM to Secretary, RT&H	15.03.2015	To utilize funds only after the report is received from Secretary, DeitY and deliberated upon.
16	Core Committee formed by Secretary DeitY	29.04.2015	To ensure smooth & speedy implementation and establish inter-departmental synergy for implementation of schemes sanctions under the Nirbhaya project.
17	Report submitted by Core Committee	May 2015	Recommended that there is no need to create separate backend infrastructure for MoRTH scheme
18	Principal Secretary Prime Minister took meeting.	19.05.2015	To re-examine the objectives of the scheme in line with core committee recommendations and bring up a new CCEA note accordingly
19	A letter to Consultant DIMTS	June. 2015	to examine the scheme as per the recommendations of PMO
20	DIMTS informed	27.07.2015	Backend infrastructure proposed by MoRTH is needed to monitor and ensure that the entire system includes devices, emergency button, mapping of data relating vehicle/devices/permit holders and its regular updation remains operational so that the system is available for use when it is needed during an emergency.
21	A letter to MHA	29 th July 2015	to confirm whether MHA system supports the functions meant to be performed by the MoRTH backend
22	A letter from MHA	6 th August 2015	Requirements like, tracking deviation of vehicles from permitted routes, vehicle permit, license etc. do not match with the objective of NERS project. As such such requirements need to be catered to by your project."
23	A letter to PS to PM	13.08.2015	to reconsider implementation of MoRTH scheme in two phases i.e. phase -1. pilot in two cities and phase -2 in other million plus cities with scalable Central backend to be setup by MoRTH.

24	Principal Secretary Prime Minister took meeting.	18.09.2015	To modify the rules under the Motor Vehicles Act for mandatory provisioning of GPS/Alert Button in commercial vehicles.
25	A letter to Home Secretary	30.09.2015	MoRTH does not contemplate setting up of any Backend infrastructure to receive GPS/Alert Button input required for location/tracking of distress signal which responsibility now rests exclusively with MHA. To provide any inputs which are required to notify the specification of GPS/Alert Buttons.
26	A letter from secretary DeitY to Secretary DoT & copy to Secretary MoRTH	16.10.2015	Backend system would have to be setup to detect the malfunctioning or tempering of the alert button device.
27	Secretary RT&H took meeting	23.10.2015	Informed MHA. since no backend system infrastructure is to be created by the MoRTH. functionality & health check of tracking device and CCTV is to be taken care of in the system being developed by MHA.
28	Various meetings held with DIMTS and CDAC	Dec-Jan, 2016	To finalize draft standards for GPS tracking and panic button. After finalization, the draft standards will be circulated to Ministries/States/UTs for consultation.
29	A letter from Secretary DeitY	25.01.2016	To setup the necessary backend system in consultation with MHA so that Govt. can mandate installation of GPS based alert device in public transport.

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पाद टिप्पण : मूल नियम, सा.का.नि. 590(अ), तारीख 2 जून, 1989 द्वारा प्रकाशित किए गए थे और सा.का.नि 943(अ), तारीख 31-12-.2012 द्वारा अंतिम बार संशोधित किए गए थे।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 8th April, 2013

G.S.R. 207(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989 were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), *vide* notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 738(E) dated 3rd October, 2012, in the Gazet e of India, Extraordinary, Part II, section 3 sub-section (i) inviting objections and suggestions from all persons likely to be affected thereby before the expiry of the period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

And, whereas, copies of the said Gazette notification were made available to the public on the 3rd October, 2012;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government;

Now, therefore, in exercise of the powers conferred by clause (f) of sub-section (1) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- 1. (i) These rules may be called the Central Motor Vehicles (First Amendment) Rules, 2013.
 - (ii) They shall come into force on the date of their final publication in the Official Gazette.
- In the Central Motor Vehicles Rules, 1989, after rule 138, the following rule shall be inserted, namely:—

"138A. Fitment of Radio Frequency Identification Tag -

Categories M and N motor vehicles manufactured on or after six months from the date of commencement of the Central Motor Vehicles (First Amendment) Rules, 2013 shall be fitted with Radio Frequency Identification Tag having such specific tions as may be determined by the Central Government:

Provided that Radio Frequency Identification Tag in case of vehicles which are sold in the form of drive-away-chassis, shall be installed at the top contre of the windshield of the vehicle by the builder of the body on the drive-away chassis at the time of providing the windshield."

[F. Yo.RT-11028/16/2011-MVL] SANJAY BANDOPADHYAYA, Jt. Secy.

Foot Note: The principal rules were published *vide* number G.S.R. 590(E) dated the 2nd June, 1989 and was last amended *vide* number G.S.R. 943(E) dated 31-12-2012.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

New Delhi, the

April, 2016

Notification

G.S.R......(E) --- The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

 (1) These rules may be called the Central Motor Vehicles (---- Amendment) Rules, 2016.

(2) They shall come into force from the day of 1st April, 2017 or the date of In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely.

"125-F. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) On-or after 1st April, 2017, all motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fitted with vehicle location tracking device, CCTV based surveillance system, and one or more emergency buttons as per the Table below:

Showy

find publication in the

Official Gazette.

CI v		TABLE	90	or the
SI.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	cCTV based surveillance system	Emergency Button
1	23 passengers and above (excluding Driver)	Yes	Yes	Yes
2	Less than 23 passengers (excluding Driver)	Yes	No	Yes 🧖

Provided that the following category of vehicles shall be exempted from this rule;

- (i) two wheelers:
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988). eno from

Provided further that the specifications, testing and certification requirements of the Vehicle Location Tracking Device, alert button and CCTV based surveillance system shall be in accordance with the standards published in the Gazette.

Provided also that the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with the standards published in the Gazette.

Explanation: For the purpose of this rule, it is clarified that on and from the date of commencement of the Central motor Vehicle, (----- Amendment) Rules, 2016, this rule shall prevail over all orders and notifications issued by the state Governments in respect of the devices and systems covered under this rule."

ory the Centra Government Officer

[No.RT-11028/12/2015-MVL]

(Abhay Damle)

Cons

Joint Secretary to the Government of India.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended vide notification number ______(E) dated

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

New Delhi, the 2 May, 2016

Notification

G.S.R......(E) --- The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of the Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2. Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- (1) These rules, may be called the Central Motor Vehicles (----Amendment) Rules, 2016.
 - (2) They shall come into force on the date of their final publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely:-

"125-F. Provision of Vehicle Location Tracking Device, Alert Button and Closed Circuit Television.- (1) All motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fitted with

vehicle location tracking device, Closed Circuit Television based surveillance system, and one or more emergency buttons as per the Table below:

TABLE

Sl.No.	Transport Vehicle	Vehicle Location	Closed Circuit	Emergency
	Seating Capacity	tracking Device	Television based	Button
			surveillance	
		20	system	
1	23 passengers and	Yes	Yes	Yes
	above (excluding			
	Driver)			
2	Less than 23	Yes	No	Yes:
	passengers			
	(excluding Driver)			

Provided that the following category of vehicles shall be exempted from this rule

- (i) two wheelers;
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988):

Provided further that the specifications, testing and certification requirements of the Vehicle Location Tracking Device, alert button and Closed Circuit Television based surveillance system shall be in accordance with such standard as may be published by the Central Government by notification in the Official Gazette.

Provided also that the Vehicle Location Tracking Device, Alert Button and Closed Circuit Television surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with such standard as may be published by the Central Government by notification in the Official Gazette

[No.RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

Note:	The principal rules were published in the Gazette of India, Extraordinary,
	Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E),
	dated the 2 nd June, 1989 and last amended vide notification number(E)
	dated

No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport and Highways

Transport Bhawan, 1, Parliament Street, New Delhi -110001 Dated the 2nd May, 2016

To.

The Manager, Government of India Press, Mayapuri, New Delhi- 110064.

Subject: To be published in the Gazette of India, Extraordinary, Part-II, Section 3, Subsection (i).

Sir,

I am directed to forward herewith Notification No. RT-11028/12/2015-MVL dated 2nd May, 2016 (English and Hindi) with the request to publish in the Gazette of India, Extraordinary, Part-II, Section 3, Sub-section (i).

- 2. It is requested that 100 copies of the published notification may be sent to this Ministry urgently.
- 3. Soft copy of the notification is also enclosed. Notification has been compared with the signed notification, both are the same.

Encls: As above

Yours faithfully,

(Hans Raj Sharma) Section Officer (MVL) Tel: 011-23357125

E-mail: hansraj.rth@nic.in

भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में प्रकाशनार्थ)

भारत सरकार सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, तारीख ,2016

सा.का.नि.(अ).- केंद्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित प्रारुप नियम जिसे केंद्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धाराओं 27, 41, 50, 109, 110 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए बनाने का प्रस्ताव करती है, को उक्त अधिनियम की धारा 212 की उपधारा (1) द्वारा यथापेक्षित उनके द्वारा संभाव्य प्रभावित सभी व्यक्तियों की जानकारी के लिए प्रकाशित किया जाता है और नोटिस दिया जाता है कि उक्त प्रारुप नियमों पर उस तारीख से जब इस अधिसूचना की प्रतियां, भारत के राजपत्र में यथाप्रकाशित, आम जनता को उपलब्ध कराई जाती है से तीस दिन की अवधि की समाप्ति के पश्चात् विचार किया जाएगा।

कोई आक्षेप या सुझाव, जो किसी व्यक्ति से उक्त प्रारुप नियमों के संबंध में इस प्रकार विनिर्दिष्ट अविध की समाप्ति के भीतर प्राप्त किए जाते हैं, पर केंद्रीय सरकार द्वारा विचार किया जाएगा ।

आक्षेप या सुझाव, यदि कोई हो, संयुक्त सचिव (परिवहन), सड़क परिवहन और राजमार्ग मंत्रालय, परिवहन भवन, पार्लियामेंट स्ट्रीट, नई दिल्ली को ऊपर विनिर्दिष्ट अविध के भीतर भेजी जा सकेगी।

प्रारुप नियम

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (......संशोधन) नियम, 2016 है।
 - (2) ये राजपत्र में इनके अंतिम प्रकाशन की तारीख को प्रवृत्त होंगे।

2. केंद्रीय मोटर यान नियम, 1989 (जिसे इसमें इसके पश्चात् उक्त नियम कहा गया है) में, नियम 125-ड. के पश्चात् निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

"125-च. यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़डसर्किट टेलीविजन का उपबंध - (1) परिवहन यानों के रुप में उपयोग में लाए जाने वाले, मोटर यान अधिनियम, 1988 (1988 का 59) के अधीन यथापरिभाषित सभी मोटरयानों में निम्न सारणी के अनुसार यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़डसर्किट टेलीविजन और निगरानी प्रणाली फिट की जाएगी:

सारणी

क्रम	परिवहन यान में बैठने की	यान की	निगरानी	आपात
संख्या	क्षमता	अवस्थिति	प्रणाली पर	बटन
1		का पता	आधारित	
		लगाने क्लोज़डसर्किट		
		वाली	टेलीविजन	
		युक्ति	25	
1	23 यात्री और अधिक (ड्राइवर	हां	हां	हां
	को छोड़कर)			
2	23 यात्री से कम (ड्राइवर को	हां	नहीं	हां
	छोड़कर)			

परंतु यानों के निम्नलिखित वर्ग को इस नियम से छूट प्राप्त होगी:

(i) द्पहिया;

(ii) मालवाहक; और

(iii) कोई परिवहन 'यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:

परंतु यह और कि यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और निगरानी प्रणाली पर आधारित क्लोज़डसर्किट टेलीविजन के लिए विनिर्देश, परीक्षण और प्रमाणन अपेक्षाएं ऐसे मानकों के अनुसार होंगी जो केंद्रीय सरकार द्वारा राजपत्र में अधिसूचना द्वारा प्रकाशित किए जाएं : परंतु यह और भी कि यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़डसर्किट टेलीविजन निगरानी प्रणाली युक्तियां, यथास्थिति, विनिर्माता या उनके व्यौहारी या अलग-अलग प्रचालकों द्वारा ऐसे मानकों के अनुसार फिट किए जाएंगे जो केंद्रीय सरकार द्वारा राजपत्र में अधिसूचना द्वारा प्रकाशित किए जाएं।

(सं. आरटी- 11028/12/2015-एमवीएल)

(अभय द्भामले) संयुक्त सचिव, भारत सरकार

दिप्पण: मूल नियम, भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. (अ), तारीख को संशोधित किए गए।



EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II-Section 3-Sub-section (i)

प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 3197 No. 3191

नई दिल्ली, सोमवार, मई 2, 2016/वैशाख 12, 1938

NEW DELHI, MONDAY, MAY 2, 2016/VAISAKHA 12, 1938

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 2 मई, 2016

सा.का.नि. 478(अ).- केंद्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित प्रारूप नियम जिसे केंद्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धाराओं 27, 41, 50, 109, 110 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए बनाने का प्रस्ताव करती है, को उक्त अधिनियम की धारा 212 की उपधारा (1) द्वारा यथापेक्षित उनके द्वारा संभाव्य प्रभावित सभी व्यक्तियों की जानकारी के लिए प्रकाशित किया जाता है और नोटिस दिया जाता है कि उक्त प्रारूप नियमों पर उस तारीख से जब इस अधिसूचना की प्रतियां, भारत के राजपत्र में यथाप्रकाशित, आम जनता को उपलब्ध कराई जाती हैं से तीस दिन की अवधि की समाप्ति के पश्चात् विचार किया जाएगा।

कोई आक्षेप या सुझाव, जो किसी व्यक्ति से उक्त प्रारूप नियमों के संबंध में इस प्रकार विनिर्दिष्ट अवधि की समाप्ति के भीतर प्राप्त किए जाते हैं, पर केंद्रीय सरकार द्वारा विचार किया जाएगा ।

आक्षेप या सुज्ञाव, यदि कोई हो, संयुक्त सचिव (परिवहन), सड़क परिवहन और राजमार्ग मंत्रालय, परिवहन भवन, पार्लियामेंट स्ट्रीट, नई दिल्ली को ऊपर विनिर्दिष्ट अवधि के भीतर भेजी जा सकेगी।

प्रारूप नियम

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (.......संशोधन) नियम, 2016 है।
- (2) ये राजपत्र में इनके अंतिम प्रकाशन की तारीख को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 (जिसे इसमें इसके पश्चात् उक्त नियम कहा गया है) में, नियम 125-ड. के पश्चात् निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

"125-च. यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़डसर्किट टेलीविजन का उपबंध – (1) परिवहन यानों के रूप में उपयोग में लाए जाने वाले, मोटर यान अधिनियम, 1988 (1988 का 59) के अधीन यथापरिभाषित सभी मोटरयानों में निम्न सारणी के अनुसार यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़ड सर्किट टेलीविजन और निगरानी प्रणाली फिट

सारणी

क्रम संख्या	परिवहन यान में बैठने की क्षमता boxed sometimes makeys	यान की अवस्थिति का पता लगाने वाली युक्ति	आधारित क्लोजडमर्किट	आपात बटन
1	23 यात्री और अधिक (ड्राइवर को छोड़कर)	हां	- -	
		61	हां	हां
	23 यात्री से कम (ड्राइवर को छोड़कर)	हां	नहीं	हां

परंतु यानों के निम्नलिखित वर्ग को इस नियम से छूट प्राप्त होगी:

- (i) दुपहिया;
- (ii) मालवाहक; और
- (iii) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:

परंतु यह और कि यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और निगरानी प्रणाली पर आधारित क्लोज़डसर्किट टेलीविजन के लिए विनिर्देश, परीक्षण और प्रमाणन अपेक्षाएं ऐसे मानकों के अनुसार होंगी जो केंद्रीय सरकार द्वारा राजपत्र में अधिसूचना द्वारा प्रकाशित किए जाएं:

पंरतु यह और भी कि यान की अवस्थिति का पता लगाने वाली युक्ति, एलर्ट बटन और क्लोज़डसर्किट टेलीविजन निगरानी प्रणाली युक्तियां, यथास्थिति, विनिर्माता या उनके व्यौहारी या अलग-अलग प्रचालकों द्वारा ऐसे मानकों के अनुसार फिट किए जाएंगे जो केंद्रीय सरकार द्वारा राजपत्र में अधिसूचना द्वारा प्रकाशित किए जाएं।

[सं. आरटी-11028/12/2015-एमवीएल]

अभय दामले, संयुक्त सचिव

टिप्पण: मूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. (अ), तारीख को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 2nd May, 2016

- G.S.R. 478(E).— The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of the Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.
- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (----Amendment) Rules, 2016.
 - (2) They shall come into force on the date of their final publication in the Official Gazette.
- In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following rule

85

"125-F. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) All motor vehicle as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or atted with vehicle location tracking device, CCTV based surveillance system, and one or more emergency buttons as per the Table below:

TABLE

Sl.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	CCTV based surveillance system	Emergency Button	
1	23 passengers and above (excluding Driver)	Yes	Yes	Yes	
2	Less than 23 passengers (excluding Driver)	Yes	No	Yes	

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) goods carriage; and
- (iii) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

Provided further that the specifications, testing and certification requirements of the Vehicle Location Tracking Device, alert button and CCTV based surveillance system shall be in accordance with such standard as may be published by the Central Government by notification in the Official Gazette.

Provided also that the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with such standard as may be published by the Central Government by notification in the Official Gazette.

[No.RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended vide notification number ____(E) dated

125. F. 1. 128. GI has been published vide G.S. P. 868 (E)

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(ode & notor Caravan 125-fin G.S. P. 478(E)

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MINISTRY OF ROAD TRANSPORT AND HIGHWAYS GOVERNMENT OF INDIA

Draft Specification For Vehicle Tracking Devices (GPS) for Notification



Press the Panic button for 2 seconds to send an alert

NATIONAL LEVEL VEHICLE SECURITY AND TRACKING SYSTEM

Warrdh 2016

NATIONAL LEVEL VEHICLE SECURITY AND TRACKING SYSTEM

Draft Specification for Vehicle Tracking Devices (GPS) for Notification

16th March 2016



oin help people when

Prepared by

Delhi Integrated Multi-Modal Transit System Limited

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Abbreviations

Acronym	Definition/Description
ASCII	American Standard Code for Information Interchange
CDMA	Code Division Multiple Access
CEP.	Circular Error Probability
DOP	Dilution of Precision
DRMS	Distance Root Mean Square
GGSN	GPRS Gateway Service Node
GNSS	Global Navigation Satellite System
GPRS	General Packet Radio Service
GPS	Global Positioning System
Gol	Government of India
GSM	Global System for Mobile
GPS	Global Positioning System
IMEI	International Mobile Equipment Identity
IMSI	International Mobile Subscriber Identity
1/0	Input / Output
IP	Ingress Protection
IRNSS	Indian Regional Navigation Satellite System
NMR	Network Measurement Report
PDOP	Positional Dilution of Precision
PIN	Personal Identification Number
PUK	Personal Unblocking Code
RF	Radio Frequency
RSSI	Received Signal Strength Indicator
SEP	Spherical Error Probability
SIM	Subscriber Identification Module
SV	Satellite Vehicle
TTFF	Time To First Fix
VTD	Vehicle Tracking Device

1.0 INTRODUCTION

1.1 Project Background

The Ministry of Finance (MoF), Government of India (GoI) has set up a dedicated fund called the "Nirbhaya Fund" for implementation of initiatives aimed at enhancing the safety and security for women in the country. The proposals formulated by various Ministries/Departments aimed at enhancing the safety and security of women in the country are proposed to be funded through the Nirbhaya Fund.

The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed to implement a scheme for Security for Women in Public Road Transport in the Country which is envisaged to be funded from the Nirbhaya Fund. The said MoRTH proposal has received in-principle approval from the Ministry of Finance (MoF), Government of India (GoI). The scheme to set up the National Level Vehicle Security and Tracking System has the following components proposed:

- A National Backend Data Centre
- City Command and Control Centre in 32 cities in India having population of more than one million. The architecture can be up-scaled to include more towns.
- Installation of Vehicle Tracking Device (VTD)/CCTV/Emergency buttons in notified public transport vehicles (On-Board Devices) in the above cities.

1.2 Device Types

The Table 1-1 shows the types of on-board devices that would need to be installed in the vehicles covered under scheme as per the DPR.

Drawing Tayore	Device Description	Applicable for Vehicles
Type 1	CCTV system with in-built tracking system and emergency button system	23 passengers and above (excl. driver)
Type 2	CCTV system with in-built emergency button system	23 passengers and above (excl. driver)
Type.3	Vehicle tracking device with in-built emergency button system	Can be used in all vehicles
Type 4	Vehicle tracking device with in-built emergency button system and fare meter	Auto rickshaws and Taxis

Table 1-1: On-board Device Types

The vehicle tracking devices will be installed in all categories of vehicles covered under the scheme. The Type 1 devices are integrated devices with CCTV system, inbuilt vehicle tracking system and emergency button system. The detailed specifications for Type 1 and Type 2 devices have been covered in a separate document prepared for these devices. This document provides detailed technical specifications for Type 3 and Type 4 tracking devices. Separate specifications have been provided for these devices in respect of the parameters and elements where

2.0 Technical Specification of VTD

2.1 Minimum Technical Specification of VTD for Type 3 and Type 4

Table 2-1: Technical Specification for Type 3 & Type 4

\$1.16	Spiantilestich	(vari) (vari)	Type 4 (Auto Riekshaws and Taxis)
Guidel 1.	The VTD should support any operational GNSS system (Location, speed, heading, time stamp) data polling and sending frequency capability of less than or equal to 10 sec. The devices should also support Indian Regional Navigation	V	
2.	Satellite System (IRNSS) Vehicle tracking device to support GAGAN, the Indian SBAS (Satellite Based Augmentation System)	1	× 1
3,	Location on demand on GPRS/SMS	\checkmark	✓
4.	Non-volatile memory to store min 40,000 positional log	✓	1
5.	Configurable backup SMS facility in case of GPRS failure	✓	✓
6.	Capability to send serving and adjacent cell ID as well as network measurement report (NMR)	✓	~
ges vie	dule Specification	_	
1.	The VTD should support any operational GNSS system with 12 (minimum) acquisition channels. The devices should also support Indian Regional Navigation Satellite System (IRNSS)	· ·	V
2.	Vehicle tracking device to support GAGAN, the Indian SBAS (Satellite Based Augmentation System)	✓	✓
3.	Acquisition sensitivity: equal to or better than (-)148 dBm	✓	✓
4.	Tracking sensitivity equal to or better than (-)165 dBm	✓	✓
5.	Accuracy of Less than 6m Positional Accuracy 2DRMS (on ground) or 2.5 m CEP (on ground)	✓	1
6.	Hot start <5s	√	✓
7.	Warm start : < 30s	√	
8. 1	Cold start < 40 s	1	1
9.	Outputs as per NMEA 0183	✓	✓
10.	A-GPS	✓	. ✓
GPRS			
1	In - Built Quad-band GPRS module/Modem	√	V
2.	Multi Slot GPRS	√	Y
3.	GPRS class 10 or above	✓	√
4	Should support all - SMS, Voice, Data, GPRS, TCP/IP	✓	√
ower C 1.	hare oursilies Power Source –Vehicle Battery Input voltage range 8 – 32 volts	/	√
2.	Battery backup of minimum of 4 hours @ 60 seconds transmission	√	√.

No. Pite.	รายหรองให้เล่นระได้ยัง	Trans 3	-,15 +
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		**************************************	110/400
and the second s	made withings		
1.	Temperature range; -20° C to 85° C(Type 3), -20° C to 70° C(Type 4)	•	V
	Humidity Level: 5% to 95% non-condensing	✓	✓
2. 3.		/	✓
	Dust, temperature, vibration and water splash resistant	/	×
4.	IP 65 rated or better. Tamper proof		×
5.	Automotive grade unit with components and manufacturing process as required for automotive use.	,	
A disciplin	A PARTY OF THE PAR		<u>✓</u>
1.	Should have internal GPRS antenna		√ ,
2.	Should have internal GPS antenna		The second second second
1:	ilisors (Sxtemet 1/0) I/O		✓
a.	Output for triggering other devices like hooter/flash light etc.		×
2.	Emergency Button I/o	√	1
For the second s	einergency button no		
1.	Emergency button (At least 2 nos.)	<u> </u>	V
2.	Device should be capable of sending a packet to atleast 2 different IP's.	√	✓
3.	Status LED's to indicate Power, GPS, emergency function	, ×	✓
	and GPRS status.		
4.	Over the Air Download of firmware as well as configuration	✓ .	✓
	parameters.	harman and a market	
5.	Remote administration & firmware update over the air.	√	V
6.	Integration with Fare Meter for Cab as well as Auto Rickshaw	/ ×	√
7.	Printer	×	√
	(i) Font: 12 x 24		
	(ii) Print Paper Width: 2 Inch minimum		
	(iii) Print Speed : 60mm/sec		
	(iv) Print : English , Alphanumeric characters		
	(v) Resolution: 8 dots/mm		
	(vi) Print receipt should have the following fields a mentioned below:	5	
	a) Vehicle Number		
	b) Start Time		
	c) End Time		
	d) Trip details		
	e) Trip Distance		
	f) Waiting Time		
	g) Night Time flag / Charge		,
8.	LCD Display (Minimum 4 lines x 20 character per line,	×	٧
	backlit)		

Sin 17 (c.	System (Professor)	14 th 1	1,7 (12.
		11.0	Manghes Edicates
		ं विक्रामाध्य	greter italiera
9.	Switches/Buttons Mechanism	×	1
	(i) Trip Start (Mandatory & integrated with the meter start)		
	(ii) Trip End (Mandatory & integrated with the end of meter)		
	(iii) Waiting (Visual Display)		
	(iv) Emergency button to trigger the alert message.		
	(v) Print button to get the bill printed.		

2.2 Device Test Parameters 1

Table 2-2; Test Parameters

Al.No.	Pasidiste Printinalar	Designificia	Americano Caltoir
Fundiona	i Teating		
1.	Location Accuracy	Test	
Á.	Location Accuracy test	Compares the variation between multiple location data obtained by the device under the cold/warm/hot start mode while the device remains at the same location	2.5 m CEP or 6 m 2DRMS
E _p ,	Dynamic Location Accuracy Test	Compares the variation between the location data obtained by the device with the true positions at multiple locations along a test path.	2.5 m CEP or 6 m 2DRMS
2.	GPS Parameter To	est	
A.	Cold-Start Time to First Fix (TTFF) Test	This test is used to determine the time taken for first fix during a cold start of the device. The device in this test is placed into a cold start state. The time it takes for the device to determine its first good location fix is recorded. The cold start test is performed several times and the results are averaged.	Should be less than 40 seconds
), ((Warm-Start Time to First Fix Test	This test is used to determine the time taken for first fix during a warm start of the device.	The warm start TTFF should be less than 30 seconds
Ć.	Hot-Start Time to First Fix Test	This test is used to determine the time taken for first fix during a hot start of the device.	The hot start TTFF should be less than 5 seconds
Đ,	Acquisition Sensitivity Test	Acquisition sensitivity refers to the minimum signal level at which the device is able to successfully perform a cold start TTFF. The acquisition sensitivity test is a simulated signal test.	The acquisition sensitivity should be equal to or better than (-)148 dBm
Ē.	Tracking	Tracking sensitivity refers to the minimum signal level at which the device is able to	The tracking sensitivity should be equal to or bette

¹ The Device Test Methodology will be finalised based on input received from various test agencies like ARAI, ICAT, CDAC.

il Mic.	Forters	ney They	ែក្នុងខេត្តនៅក្នុងស្ថិត្តទៅព្រះ
	Prophorodisa		
	Sensitivity Test	successfully maintain the location fix. The acquisition sensitivity test is a simulated signal test.	than (-) 165 dBm.
	Interference Testing	Interference testing is a type of test, in which Cold Start/Hot Start test are performed with device exposed to interfering signals and the performance as recorded.	The Interference should not result in any degradation of the Cold Start/Hot Start TTFF times. In addition, it should not result in any degradation of the absolute location accuracy required and the same should be 2.5 m CEP or 6 m 2DRMS.
G.	Multipath Testing	This test is a simulated frequency test conducted to determine the effect of multipath signals. The signal from a single satellite is simulated to arrive at the device via two or more paths	The multipath should not result in any degradation of the Cold Start/Hot Start TTFF times. In addition, it should not result in any degradation of the absolute location accuracy required and the same should be 2.5 m CEP or 6 m 2DRMS.
elegiolegisti)	ge grid Dongsbillig	.34µmi	
3.	Vibration Test	Total and the best of the control of	D
	Shock	Shock test is performed to provide a degree of confidence that the device can physically and functionally withstand the relatively infrequent, non-repetitive shocks encountered in transportation environments. The test shall be performed as per IS10250/IS 9000-part 8.	Device after the shock test shall meet the requirements of functional tests.
	Carro Landi	Following severities shall be selected for the test: 20 g.	
В.	Vibration	This test is performed to check that the device the device can physically and functionally withstand the vibration exposures in the life cycle typically encountered in a vehicular environment.	Device after the vibration test shall meet the requirements of functional tests
V		The test shall be performed as per IS 9000-part 8 Endurance testing by sweeping shall be conducted according to 6.3.1 of IS: 9000 (Part 8)-1981* with the severities as per IS 10250 clause 4.1.2	
2),	Ingress Protection (IP)	The device will be tested for dust and water ingress according to IP 65 test specification.	The device should be IP 65 compliant or better
19°E	EMI /EMC	The Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) tests are performed to assess whether the device performs its intended functions in the electromagnetic environment to which it would be exposed.	The device should meet the EMI/EMC requirements as per AIS 004 (Part 3) or equivalent
6-	Battery Backup	This test will be performed by	Device should be able to

6.0	្នាល់ ខែ ខេត្ត	process in their	Nesthing of Little Park
	Test	disconnecting the input charging voltage to the device. On disconnecting the external supply, battery would use its charge capacity to send data through GPRS.	work in activ → mode for a period of 4 hcurs or more at the polling rate of 60 sec
3.	Reverse Polarity Protection without Fuse Test for Wiring Harness	The device must fulfil the functional requirements after being subjected to reverse polarity based on the input voltage rating of the device. Flammability Test: The wiring harness used in the device should be tested for flammability as per IS 2465.	Device shal meet the requirements of functional tests, after the reverse polarity test.
y		Electrical Properties: The wiring harness used in the device should be tested for electrical properties as per AIS 028.) i
Ban-Arone de la	edki Tesi		
9.	High Temperature Test	The high temperature test is used to evaluate effects of high temperature conditions on safety, integrity, and performance of the device. The test shall be carried out in accordance with Indian Standard IS: 9000 (Part 3/Sec 5).	Device during and after the high temperature test shall meet the requirements of functional tests
10.	Cold Test	The device shall be subjected to the high temperature test conditions as per device specification of + 85°C/ + 70°C, as applicable. The temperature testing is used to evaluate effects of low temperature conditions during storage and operation affect device safety, integrity and performance. The test shall be carried out in accordance with Indian Standard (IS): 9000 (Part 2/Sec 4)	Device during and after the cold test shall meet the requirements of functional tests
υ 44.	Damp Heat Test	The device shall be subjected to low temperature conditions as per device specification of (-) 20°C. The temperature and humidity conditions change based on geographical locations and time. The purpose of this test is to determine the effects of a warm, humid atmosphere on the device performance. The device should be tested according to IS 9000 (Part 5/Sec 2) as per the device specification of 95% Humidity	Device during and after the test shall meet the requirements of functional tests.
12.		Thermal shock test is carried out to determine if the device can withstand	Device after the test shall meet the requirements of functional tests

NiNrc.	Paramiara Paramiara	Bludgi ili	प्रकृतिकार्यकृति । विशेषिक विष्
	Salt Spray Test	device specification temperature ranges (for type 3 temperature ranges from -20°C /85°C and type 4 temperature ranges from -20°C /70°C The salt spray test is conducted to check corrosion resistance of device. Salt spray test is an accelerated corrosion test that produces a corrosive attack on the device sample. The device shall be tested as per AIS: 012/ IS10250 as per teste method in IS: 9000 (Part XI)-1983	Device after the test shall meet the requirements of functional tests.
Projected P	430110		

1 Phate	Discondification	Matternation Francisco
Start Character	\$	
Header	The header of the packet/ identifier	
Vendor ID	Vendor identification header	
Firmware Version	Version details of the Firmware used in EX.1.0.0	
Packet Type	Specify the packet type – NR = Normal EA = Emergency Alert TA = Tamper Alert HP = Health Packet IN = Ignition On IF = Ignition Off BD = Battery Disconnect BR = Battery Reconnect BL = Battery Low	To be demonstrated by manufacturer/ supplier and to be tested.
	DI = Depot In shed DO = Depot Out shed TS = Trip Start TE = Trip End	To be demonstrated by
Packet Status	L=Live or H= History	manufacturer/, supplier and to be tested.
IMEI	Identified of the sending unit. 15 digit standard unique IMEI no.	To be demonstrated by manufacturer/ supplier and to be tested.
Vehicle Reg. No	Mapped vehicle registration number	To be demonstrated by manufacturer/ supplier and to be tested.
GPS Fix	1 = GPS fix OR 0 = GPS invalid	To be demonstrated by manufacturer/ supplier and to be tested.
Date	Date value as per GPS date time (ddmmyy)	To be demonstrated by manufacturer/ supplier and to be tested.

Flan	ias Anton	· Jest State Prince wor
Time	Time value as per GPS date time in UTC format (hhmmss)	To be demonstrated by manufacturer/ supplier and to be tested.
Latitude	Latitude value in decimal degrees (with minimum 6 decimal places)	To be demonstrated by manufacturer/ supplier and to be tested.
Latitude Dir.	Latitude Direction. Example N=North, S= South	To be demonstrated by manufacturer/ supplier and to be tested.
Longitude	Longitude value in decimal degrees (with minimum 6 decimal places)	To be demonstrated by manufacturer/ supplier and to be tested.
Longitude Dir.	Longitude Direction. Example E=East, W= West	To be demonstrated by manufacturer/ supplier and to be tested.
Speed	Speed in km/hr	To be demonstrated by manufacturer/ supplier and to be tested.
Heading	Course over ground in degrees	To be demonstrated by manufacturer/ supplier and to be tested.
No of Satellites	Number of satellites available for fix	To be demonstrated by manufacturer/ supplier and to be tested.
Altitude	Altitude of the device in meters	To be demonstrated by manufacturer/ supplier and to be tested.
PDOP	Positional dilution of precision	To be demonstrated by manufacturer/ supplier and to be tested.
Distance	Distance Travelled in Meters (Between Current and the Previous packet)	To be demonstrated by manufacturer/ supplier and to be tested.
(ODO	Total, Distance Travelled in Km (from activation of unit to till last packet)	To be demonstrated by manufacturer/ supplier and to be tested.
Min Speed	Minimum Speed travelled by vehicle between last and the current packet in Km/h (in decimal value)	To be demonstrated by manufacturer/ supplier and to be tested.
Avg. Speed	Average Speed between last and the current packet in Km/h (in decimal value)	To be demonstrated by manufacturer/ supplier and to be tested.
Max Speed	Maximum Speed travelled by vehicle between last and the current packet in Km/h (in decimal value)	To be demonstrated by manufacturer/ supplier and to be tested.
Network Operator Name	Name of Network Operator.	To be demonstrated by manufacturer/ supplier and to

Figu	- अहाकवीहर्षे ा	duality Francisc
		be tested.
lgnition	1= Ign On , 0 = Ign Off	To be demonstrated by manufacturer/ supplier and to be tested.
Main Power Status	0 = Vehicle Battery Disconnected 1= Vehicle Battery Reconnected	To be demonstrated by manufacturer/ supplier and to be tested.
Main Input Voltage	Indicator showing source voltage in Volts.	To be demonstrated by manufacturer/ supplier and to be tested.
Internal Battery Voltage	Indicator for Level of battery charge remaining	To be demonstrated by manufacturer/ supplier and to be tested by SI or empanelment authority.
Emergency Status	1= On , 0 = Off	To be demonstrated by manufacturer/ supplier and to be tested.
Tamper Alert	C = Cover Closed , O = Cover Open	To be demonstrated by manufacturer/ supplier and to be tested.
GSM Signal Strength	Value Ranging from 0 – 31	To be demonstrated by manufacturer/ supplier and to be tested.
Mec	Mobile Country Code	To be demonstrated by manufacturer/ supplier and to be tested.
MNC	Mobile Network Code	To be demonstrated by manufacturer/ supplier and to be tested.
LAC	Location Area Code	To be demonstrated by manufacturer/ supplier and to be tested.
Cell ID	GSM Cell ID	To be demonstrated by manufacturer/ supplier and to be tested.
NMR (neighboring Cell ID)	Neighbouring 4 cell ID along with their LAC	To be demonstrated by manufacturer/ supplier and to be tested.
Digital Input Status	4 external digital input status (Status of Input 1 to Input 3 (0=Off; 1=On))	To be demonstrated by manufacturer/ supplier and to be tested.
Digital Output Status	2 external digital output status (0=Off; 1=On)	To be demonstrated by manufacturer/ supplier and to be tested.
Vehicle Status	H = Hired , A = Available , R = Retired / Off Duty	To be demonstrated by manufacturer/ supplier and to be tested.

fled:	Charle do		Verification of the assistance of the second
Trip Start	Trip start time integrated with meter swit	tch	To be demonstrated by manufacturer/ supplier and to be tested.
Trip End	Trip End time integrated with meter swite	ch	To be demonstrated by manufacturer/ supplier and to be tested.
Trip ID	Unique ID for each trip		To be demonstrated by manufacturer/ supplier and to be tested.
Trip Duration	Duration of the Trip in minutes		To be demonstrated by manufacturer/ supplier and to be tested.
Trip Distance	Km's covered during the Trip in Km		To be, demonstrated by manufacturer/ supplier and to be tested.
Trip Fare	Total amount payable for the trip		To be demonstrated by manufacturer/ supplier and to be tested.
Frame Number	Sequence Number of the messages (00 999999)	00001 to	To be demonstrated by manufacturer/ supplier and to be tested.
Checksum	Insures No error in transmission (optional	al)	To be demonstrated by manufacturer/ supplier and to be tested.
End Character	Indicated End of the frame		*

2.3 Communication Protocol

2.3.1 Data Frame Format for Type 3 Devices

Field	. मिश्चल मा गरीना			Seminale Delle	
Start Character	\$		\$		The second secon
Header	The header of the packet/ identi	fier		0	
Vendor ID	Vendor identification header				
Firmware Version	Version details of the Firmware EX.1.0.0	used in	1.0.0		
Packet Type	Specify the packet type –			g upon the cont m tracking dev	
	NR = Normal			qualification co	
	EA = Emergency Alert			determine the	
	TA = Tamper Alert		which vehi	icle is at that tim	ie.
	HP = Health Packet				
	IN = Ignition On				
	IF = Ignition Off				
	BD = Battery Disconnect				
	BR = Battery Reconnect				

\$112410	T) were West and	i pie škio
	BL = Battery Low DI = Depot/Parking In shed DO = Depot/Parking Out shed	
Packet Status	L=Live or H= History	L
IMEI	Identified of the sending unit. 15 digit standard	123456789012345
	unique IMEI no.	
Vehicle Reg. No	Mapped vehicle registration number	DL1PC9821
GPS Fix	1 = GPS fix OR 0 = GPS invalid	1
Date	Date value as per GPS date time per GPS	220714
Time	date time (ddmmyy) Time value as per GPS date time in UTC	050656
limie	format (hhmmss)	
Latitude	Latitude value in decimal degrees (up to not	28.758963
	less than 6 places)	M
Latitude Dir	Latitude Direction. Example N=North, S=	N
Longitude	Longitude value in decimal degrees (up to not	77.6277844
	less than 6 places).	
Longitude Dir	Longitude Direction.	W
Speed	Example E=East, W= West Speed in km/hr (Upto One Decimal Value)	25.1
Heading	Course over ground in degrees	310.56
No of Satellites	Number of satellites available for fix	8
Altitude	Altitude of the device in meters	183.5
PDOP	Positional dilution of precision	
HDOP	Horizontal dilution of precision	
Distance	Distance Travelled in Meters (Between Current	100
	and the Previous packet)	
ODO	Total Distance Travelled in Km (from activation	25.8
With Oracle	of unit to till last packet) Upto One Decimal Minimum Speed travelled by vehicle between	2.0
Min Speed	last and the current packet in Km/h (Upto One	2.0
	decimal value)	
Avg. Speed	Average Speed between last and the current	5.0
Max Speed	packet in Km/h (Upto One decimal value) Maximum Speed travelled by vehicle between	10.5
iwax opeed	last and the current packet in Km/h (Upto One	
	decimal value)	
Network Operator	Name of Network Operator	INA Airtel
Name		1
lgnition	1= Ignition On , 0 = Ignition Off	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Main Power Status	0 = Vehicle Battery Disconnected 1= Vehicle Battery Reconnected	
Main Input	Indicator showing source voltage in Volts.(Upto	12.5
Voltage	One Decimal Value)	
Internal Battery	Indicator for Level of battery charge remaining.	4.2
Voltage	(Upto One Decimal Value)	

National Level Vehicle Security and Tracking System

e [±j(ĕ	- er Antitor		Specialities Congres
Emergency Status	1= On , 0 = Off	0	
Tamper Alert	C = Cover Closed, O = Cover Open	С	
GSM Signal Strength	Value Ranging from 0 – 31	25	
MCC	Mobile Country Code	404	
MNC	Mobile Network Code	10	
LAC	Location Area Code	00D6	
Cell ID	GSM Cell ID	CFBD	
NMR (neighboring Cell ID)	Neighbouring 4 cell ID along with their LAC		
Digital Input Status	4 external digital input status (Status of Input 1 to Input 3 (0=Off; 1=On))	000	9
Digital Output Status	2 external digital output status (0=Off; 1=On)	01	
Geofence Stop ID	Identify the particular stop, Default = 0	U001	and Lagrange
Frame Number	Sequence Number of the messages (000001 to 999999)	000005	
Checksum	Insures No error in transmission (optimal)	16	
End Character	Indicated End of the frame	*	

2.3.2 Frame Format – Type 4 Devices (Tracking Device with EFM)

िविधि	D) esportiotation		Sample Data
Start Character	\$	\$	
Header	The header of the packet/ identifier		
Vendor ID	Vendor identification header		
Firmware Version	Version details of the Firmware used in EX.1.0.0	1.0.0	
Packet Type	Specify the packet type –	NR	
	NR = Normal EA = Emergency Alert TA = Tamper Alert HP = Health Packet IN = Ignition On IF = Ignition Off BD = Battery Disconnect BR = Battery Reconnect BL = Battery Low DI = Depot/Parking In shed DO = Depot/Parking Out shed TS = Trip Start TE = Trip End		
Packet Status	L=Live or H= History	I	

Transport Ir a

1 21	Display the Control of the Control o	43.001243
IMEI	Identified of the sending unit. 15 digit standard unique IMEI no.	123456789012345
Vehicle Reg. No	Mapped vehicle registration number	DL1PC9821
GPS Fix	1 = GPS fix OR 0 = GPS invalid	1
	Date value as per GPS date time (ddmmyy)	220714
Date		050656
Time	Time value as per GPS date time in UTC format (hhmmss)	28.758963
Latitude	Latitude value in decimal degrees (with minimum 6 decimal places)	
Latitude Dir.	Latitude Direction.	N
	Example N=North, S= South	77.6277844
Longitude	Longitude value in decimal degrees (with	11.0211044
· (m	minimum 6 decimal places)	W
Longitude Dir.	Longitude Direction.	
	Example E=East, W= West Speed in km/hr. (Upto One Decimal Value)	25.1
Speed		310.56
Heading	Course over ground in degrees	
No of Satellites	Number of satellites available for fix	8
Altitude	Altitude of the device in meters	183.5
PDOP	Positional dilution of precision (Upto 2 digit)	2
HDOP	Horizontal dilution of precision (Upto 2 digit)	3
Distance	Distance Travelled in Meters (Between Current	100
Distance	and the Previous packet)	
ODO	Total Distance Travelled in Km (from activation of unit to till last packet). (Upto One Decimal	25.8
Min Speed	Value) Minimum Speed travelled by vehicle between last and the current packet in Km/h (Upto One	2.0
	decimal value)	filler of a large state of
Avg. Speed	Average Speed between last and the current	5.0
	packet in Km/h (Upto One decimal value)	40 F
Max Speed	Maximum Speed travelled by vehicle between	10.5
	last and the current packet in Km/h (Upto One	
	decimal value)	INA Airtel
Network	Name of Network Operator	
Operator Name	4. Lanition On 0 - Ignition Off	1
lgnition	1= Ignition On , 0 = Ignition Off 0 = Vehicle Battery Disconnected 1= Vehicle	1
Main Power	0 - Vehicle Battery Blood mount	
Status	Battery Reconnected	12.5
Main Input	Indicator showing source voltage in Volts .(Upto	12.0
Voltage	One Decimal Value)	4.2
Internal Battery	Indicator for Level of battery charge remaining.	4.4
Voltage	(Upto One Decimal Value)	0
Emergency Status	1= On , 0 = Off	0
Tamper Alert	C = Cover Closed,	C
	O = Cover Open	
Comment of the commen	L. Controls	

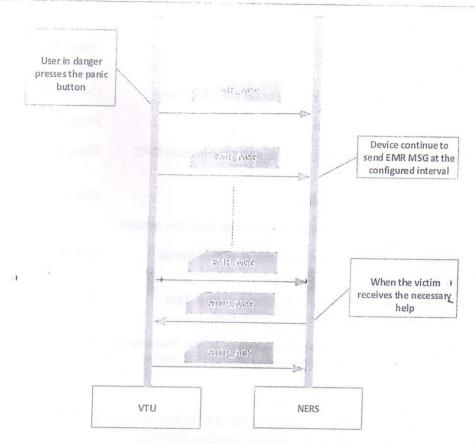
TIAL	A PARTIES OF		Sanga bera Si
GSM Signal Strength	Value Ranging from 0 – 31	25	
MCC	Mobile Country Code	404	
MNC	Mobile Network Code	10	
LAC	Location Area Code	00D6	
Cell ID	GSM Cell ID	CFBD	
NMR (neighboring Cell ID)	Neighbouring 4 cell ID along with their LAC		
Digital Input Status	4 external digital input status (Status of Input 1 to Input 3 (0=Off; 1=On)	000	
Digital Output Status	2 external digital output status (0=Off; 1=On)	01	0.
Vehicle Status	H = Hired , A = Available , R = Retired / Off Duty	Н	
Trip Start	Trip start time integrated with meter switch	050620	
Trip End	Trip End time integrated with meter switch	053020	
Trip ID	Unique ID for each trip	06	
Trip Duration	Duration of the Trip in minutes	30	
Trip Distance	Km's covered during the Trip in Km .(Upto One Decimal Value)	18.5	
Trip Fare	Total amount payable for the trip .(Upto One Decimal Value)	56.0	
Frame Number	Sequence Number of the messages (000001 to 999999)	000005	
	Insures No error in transmission (optional)	16	
End Character	Indicated End of the frame	*	

2.3.3 Alerts from Devices

Si die.		11/10/2 3	Tyveta 4	Remarks
1	Location Update	7	√	Default message coming from each device
2	Location Update (history)	✓	✓	Would be sent, if GPRS is not available at the time of sending the message
3	Alert – Disconnect from main battery	✓	√	If device is disconnected from vehicle battery and running on its internal battery
4	Alert – Low battery	✓	✓	If device internal battery had fallen below a defined threshold, indicating that device need to get a recharge
ė	Alert – Low battery removed	✓	✓	Indicate that vehicle internal battery is charged again
6	Alert - Connect back to main battery	✓	/	Indicate that vehicle is connected back to main battery

i to	Market Stringer	White 5	i ett	· celler - specific
	Alert – Ignition ON	√	√	Indicates that Vehicle has started (ignition ON)
	Alert – Ignition	✓	✓	Indicates that Vehicle has stopped (ignition OFF)
0	Alert – SIM removed or tampered	1	✓	Message would be generated indicating SIM is removed or tampered
¥ 6	Alert – SIM inserted or tampered	J SAU Next div	1	Message would be generated indicating SIM is inserted or tampered
. (1)	Alert – GPS box opened	1	1	Message would be generated indicating GPS box opened
12	Alert –, Emergency state ON*	V NOSE MOSE	✓	When any of the emergency button is pressed by any passenger. System should also provide location of emergency button which is pressed.
16	Alert – emergency State OFF	✓ samwe techni	n albertrett	When emergency state of vehicle is removed
1921	Trip Start	X	1	Only for hired mode vehicle, when Fare meter is 'Down'
1/6	Trip End	X		Only for hired vehicle, when fare meter is 'Up'
183	Over the air	✓	✓	Should support the change of configuration
	parameter change		101 TO 1	parameters from backend by sending a command
(4)	Over the air change of tariff fare	X	✓	Changing of fare parameters, night time rates, waiting period rate, minimum fixed rate.

^{*} In case of Emergency Alert ON system, the alert message should be sent to dual IPs; i.e. the device should support minimum 2 IPs simultaneously. Primary alert will go to MHA and National Emergency Response System (NERS) in the schema below:



Primary alert will go to MHA and National Emergency Response System (NERS) in the format below:

Algunians see	Value / Desempition	Sixe	
Packet Header	EPB, The unique identifier for all messages from VTU	Character, 3 bytes	
Message Type	Message Types supported. Emergency Message (EMR) or Stop Message (SEM)	Character, 2 bytes	
Vehicle ID	Unique ID of the Vehicle (IMEI Number)	Character, 15 bytes	
Packet Type	NM - Normal Packet, SP - Stored Packet	Character, 2 bytes	
Date -	Date and time of the location obtained from the location data in YYYYMMDDhhmmss format	Character,14 bytes	
GPS Validity	A – Valid, V - Invalid	Character, 1 byte	
Latitude	Latitude in decimal degrees - dd.mmmmmm format	Double, 12 bytes	
Latitude Direction	N - North, S - South	Character, 1 byte	
Longitude	Longitude in decimal degrees - dd.mmmmmm format	Double, 12 bytes	

	Valleto Taxa e do Ano	
Longitude Direction	E – East W - West	Character, 1 byte
Altitude	Altitude in meters (above sea level)	Double, 12 bytes
Speed	Speed in km/hr	Float, 6 bytes
Distance	Distance calculated from previous GPS data	Float, 6 bytes
Provider	G - Fine GPS	Character, 1 byte
	N - Coarse GPS or data from the network	
Vehicle RegnNo	Registration Number of the Vehicle	Character, 16 bytes
Reply Number	The mobile number to which Test response need to be sent	0
CRC	The 32 bit checksum of all the characters from the header up to the CRC field	8 bytes

Source: CDAC -Interface Document for the Integration of Electronic Panic Button (EPB) With Nationwide Emergency Response System (NERS).

2.3.4 Configuration of Device Parameters Over the Air (OTA)

SI No.	Paramatar Dasadphon	Type \$	Raji- 1	
1	Change of the APN	Y	Y	DESIL
2	Change of IP and port number	Y	Υ	
ξ.	Setting of the Primary or Secondary IP	Υ	Y	
4	Configuring the Vehicle registration number	Υ	Υ	
17,1	Configuring the frequency of data transmission in Ignition ON / OFF, Emergency state	Y	Υ	
î.	Configuring the time duration for Emergency state	Y	Y	
7	Configuring the frequency of data update in Trip ON		Y	1.
	Capability to reset the device	Y	Y	
180	Command to get the IMEI of the device	Y	Y	

2.3.5 Tracking Device Health Monitoring Parameters

Si. शहः निवंदि	Designation Type 3	Thypote 4
Start Character	\$ The second secon	√

National Level Vehicle Security and Tracking System

Vijeujotiji:	Value / Desembelion	Sime
Longitude Direction	E – East W - West	Character, 1 byte
Altitude	Altitude in meters (above sea level)	Double, 12 bytes
Speed	Speed in km/hr	Float, 6 bytes
Distance	Distance calculated from previous GPS data	Float, 6 bytes
Provider	G - Fine GPS	Character, 1 byte
	N – Coarse GPS or data from the network	
Vehicle	Registration Number of the Vehicle	Character, 16 bytes
RegnNo	n a company and a second a second and a second a second and a second a second a second a second a second a second and a second and a second and a second and a se	1
Reply Number	The mobile number to which Test response need to be sent	0
CRC	The 32 bit checksum of all the characters from the header up to the CRC field	8 bytes
	1	

Source: CDAC -Interface Document for the Integration of Electronic Panic Button (EPB) With Nationwide Emergency Response System (NERS).

2.3.4 Configuration of Device Parameters Over the Air (OTA)

SI. No.	Parameter Description	Typere 3	Tylote 4
1	Change of the APN	Υ	Υ
2	Change of IP and port number	Υ	Υ
3	Setting of the Primary or Secondary IP	Υ	Y
4	Configuring the Vehicle registration number	Υ	Υ
5	Configuring the frequency of data transmission in Ignition ON / OFF, Emergency state	Υ	Y
Ĝ	Configuring the time duration for Emergency	Υ	Y
7	state Configuring the frequency of data update in Trip ON	C .	Y
8	Capability to reset the device	Υ	Υ
10	Command to get the IMEI of the device	Y	Y

2.3.5 Tracking Device Health Monitoring Parameters

SI. No.	: निवाहि -	<u>क्रोम्पलब</u> ्राहोत्।	Tayora ?	Fypre 4
2	Header	The header of the packet/identifier	✓	✓
3	Vendor ID	Vendor identification header	1	✓
4.	Firmware Version	Version details of the Firmware used in EX.1.0.0	✓	~
5	IMEI I I I I I I I I I I I I I I I I I I	Identified of the sending unit. 15 digit standard unique IMEI no.	✓	V
6	Battery percentage	Indicates the internal battery percentage	1	✓
T	Low battery threshold value	Indicates value on which low battery alert generated	✓	✓
8	Memory percentage	Indicates flash memory used	1	✓
9	Data update rate when ignition ON	Indicates Packet frequency on ignition ON		
1(0	Data update rate when ignition OFF	Indicates Packet frequency on ignition OFF	√	✓ ·
A1	Digital I/o status	Inputs connected to the device.	✓	✓
12	Analog I/o status	Analog input status	✓	✓
	EFM LED working	LED health status	X	✓ "
	Printer Working	Printer status	X	√
	Printer paper present or not	Optional, to be made available if possible	Χ	✓
18)	End character	*	✓	✓

Delhi Integrated Multi Modal Transit System Limited (DIMTS) (A Joint Venture of Govt. of Delhi and IDFC Foundation)

1st Floor Maharana Pratap ISBT Building, Kashmere Gate, Delhi–110006 Ph.: +91-11-43090100; Fax: +91-11-23860966 Email: info@dimts.in Web: www.dimts.in

DINTS



Maharashtra State Road Transport Corporation

Mechanical Engineering Department : Central Offices, 'Maharashtra Vahatuk Bhavan,' Dr. Anandrao Nair Marg, MUMBAI - 400 008

Email: gmmevasant@rediffmail.com

Telephone: 23 02 39 00

00 Fax: 23 00 43 10

Website: msrtc.gov.in

Ref. No. ST/ME/MNT/2437

The Joint Secretary (Transport)
Ministry of Road Transport & Highways
Transport Bhavan
Parliament Street

1183309 2016/

08/06/2016

de toil

Sub: Notification about provision of vehicle location tracking device, Alert/Emergency button and close circuit television.

Ref: Govt. of India, Ministry of Road Transport & Highways, New Delhi Notification published on 2,nd May 2016.

Dear Sir,

New Delhi

In the referred notification it is mentioned that any objection or suggestions about provision of vehicle location tracking device, alert/ Emergency button and close circuit television be informed in prescribed time.

Solma

In this connection, it is informed as under:-

- (1) Maharashtra State Road Transport Corporation is a major Passenger Transport Corporation operating 18000 buses on various routes within Maharashtra and in other States also. Hence the above systems will be fitted in phasewise.
- (2) In view of this sufficient period of at least two year should be given for implementation from the date of final Notification.
- (3) Specification for all above three items should be drafted and finalized by Ministry of Road Transport & Highways so that there will be similarity in all STU's across the country.

Thanking you,

Yours faithfully,

Vice Chairman & Managing Director

MNT - Joint Secretary - Notification - 1.6.2016



Indian Tourist Transporters Association (Regd.)

Shop No. 5, C.S.C., Kaka Nagar Market, Dr. Zakir Hussain Marg, New Delhi - 110 003 Phone: 011- 2307 2150 Mobile: 98114 50524 Fax: 011- 2307 2070

E-mail: ittaindia@gmail.com; president@ittaindia.com

Website: http://www.ittaindia.com

Ref: ITTA:KDY:05:16(JS):26944

27th May 2016

Shri Abhay Damle Joint Secretary (Transport) Ministry of Road Transport & Highways Room No. 520, Transport Bhavan, 1 Sansad Marg, New Delhi - 110 001

Sub: Objections/Comments with regard to Notification issued on 2nd May 2016

Draft Rules called Motor Vehicles (.....Amendment) Rules, 2016

Dear Sir,

passengers

(excluding driver)

In response to the objections invited by Ministry of Road Transport and Highways with regard to the notification of draft rules issued on 2nd May 2016.

Indian Tourist Transporters Association is a national body of tourist transport operators who are recognized by the Ministry of Tourism, Government of India under the provisions of "The Motor Vehicles (All India Permit for Tourist Transport Operators) Rules, 1993".

2. In the Central Motor Vehicles Rules, 1989 (hereinafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely:

"125-F. Provision of vehicle Location Tracking Device, Alert Button and Closed Circuit Television – (1) All Motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fitted with vehicle location tracking device, Closed Circuit Television based surveillance system and one or more emergency buttons as per the Table Below:

S.No.	Transport Vehicle Seating Capacity	Vehicle Location Tracking Device	Closed Circuit Telévision based Surveillance System	Emergency Button
1.	23 passengers and above (excluding driver)	Yes	Yes	Yes
2.	Less than 23			

No

Cont...2....

Yes

Original Signal

Yes



Page...2...

In this connection we would like to place on records our objections and comments to the applicability of these provision to the tourist transport operators recognized by the Ministry of Tourism, Government of India as per the provisions of "The Motor Vehicles (All India Permit for Tourist Transport Operators) Rules, 1993".

- 1. Our vehicles are already equipped with Location Tracking Device and we have no objection to this clause.
- 2. The Tourist Transport Operators recognized by Ministry of Tourism, government of India are working under contract carriage and contract is always with the hirer, who may be corporate, embassy, government offices etc. etc. and they are well known to the transporter as they are dealing on regular basis and settling bills later.

In the absence of any networking system, CCTVs will not work efficiently and store the data. So the purpose of installing CCTVs will not be served.

Moreover, the buses are hired by groups or families who object for operating CCTVs as this is infiltration to their privacy. So we request that CCTVs should not be made mandatory for vehicles owned by tourist transport operators recognized by Ministry of Tourism, Government of India.

3. Installation of Panic Button – As mentioned in point no. 2, since the vehicles are hired by a group or family the need of panic button does not arise. But for the overall safety and security of buss and passengers, we recommend that there should be inbuilt panic button besides the driver.

We sincerely hope that the above objections & comments will be taken into account before finalizing the draft rules.

Thanks and regards,

ishan Dutt Yadav



ALL INDIA MOTOR TRANSPORT CONGRESS

THE APEX ORGANIZATION OF MOTOR TRANSPORT OPERATORS AFFILIATING STATE/REGIONAL ASSOCIATIONS

Official Journal "Motor Transport"

By/RT&H/034/2016-17

Sh. Abhay Damle, IRS, Jt. Secretary, Ministry of Road Transport & Highways, Government of India, Transport Bhawan, New Delhi May 31, 2016 11 · BR 1 01/75(T) 31-05-16

Sub.: Suggestions / objection w.r.t. GSR No. 478 (E) dated May 02, 2016.

Dear Sir,

This has reference to the draft notification no. GSR No. 478 (E) dated May 02, 2016 wherein rule 125-F regarding provision of Vehicle Location Tracking Device, Alert Button and CCTV is proposed in all passenger vehicles. [Transport vehicles having seating capacity less than 23 passengers and 23 passengers and above (excluding Driver).]

We submit herewith the following for your kind perusal.

- 1) Within the definition all passenger Transport vehicles are covered, which may include Autorickshaws, e-rickshaws, Taxicabs, Tempe-travellers, Buses etc. A clarity in this regard must be explicit.
- 2) The reasons behind this amendment are benign, and most of our members have already installed vehicle tracking devices to gather data, on location, idle time, fuel consumption and temperature maintenance (in case of refer trucks).
- i) It must be a voluntary effort and it is suggested that it should not be made mandatory or linked to permit and finness conditions.
- ii) No additional fees should be levied by the Government, as is being done by Delhi Government.

iii) The product should be made available in free market and any favourtism to create monopolistic conditions for a particular vendor as in case of autodipper by Haryana Government must be d scouraged and plugged.

iv) As regards CCTV cameras, the price ranges from Rs. 5,000 to Rs. 5,00,000. There is no clarity on the specification or make. Currently CCTV devices available have recording of 36 hours, which can be viewed offline. The live telecast through CCTV is feasible only under static conditions, but it is not possible in moving vehicles.

Again it is submitted here should be clarity of specification and intended purpose and the device must be made available in free market.

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ALL INDIA MOTOR TRANSPORT CONGRESS

THE APEX ORGANIZATION OF MOTOR TRANSPORT OPERATORS AFFILIATING STATE/REGIONAL ASSOCIATIONS

Official Journal "Motor Transport"

1) As regards Alert Button, there is No clarity on the same on what is required and how it will work. It is also not available in the market place.

All the above devices in vehicles be first put in Government vehicles and an efficacy analysis be done before it is rolled out for other vehicles.

It is not possible to meet the demand in case there is imposition to install devices in existing vehicles. Therefore the above devices must be provisioned in **new vehicles** only.

OEMs must be duty bound to provide such devices in the new vehicles as they have great bargaining power, which an operator cannot have

Rolling out the provisions of the proposed rule without proper testing of the above devices would be futile and will only lead to financial burden on the operators, monopoly conditions and collateral corruption.

Further it is suggested the hardware requirement for all the above components must be standardized and since the service component is inherent in the above devices. The service portability must be include which will include customer centricity, healthy competition and development.

Thanking you Yours faithfully

Bhim Wadhwa President

resident

#09811033288

03331/2016/MVL 115

ಕರ್ನಾಟಕ ರಾಜ್ಯ ರಸ್ತೆ ಸಾರಿಗೆ ನಿಗಮ

"ಸ್ಟಾಗೆ ಭವನ" ಕೇಂದ್ರ ಕಛೇರಿ.

ಕೆ.ಹಚ್.ರಸ್ತೆ, ಶಾಂತಿನಗರ, ಬೆಂಗಳೂರು 560 027 ಭಾರತ

ದೂರವಾಣಿ : 080-22221321 / 22221025

ವೆಬ್ –ಸೈಟ್ : www.ksrtc.in

No. KST/CO/VTMS/ 93 /2016-17

The Joint Secretary to Government of India, Ministry of Road Transport and Highways, Road Transport Division.

Transport Bhavan, 1, Parliament Street, NEW DELHI – 100 001.



Karnataka State Road Transport Corporation

"Transport House" Central Offices, K.H.Road, Shanthinagar, Bangalore-560 027, India

Tel: 080-22221321 / 25

Website: www.ksrtc.in

02.05.2016

Sub: Making compulsory of GPS units, CCTV, Alerts button in Public Transport Vehicles – Draft Notification.

Ref: Draft Notification dt.02/05/2016 RT-11028/12/2015-MVL

Adverting to the above, the observations of Karnataka State Road Transport Corporation (KSRTC) on the draft notification dt.02/05/2016 of Motor Vehicles Act, 1988 (59 of 1988) is enclosed. In the said observations, it is opined that exempting Public Transport Vehicles with less than 23 passengers capacity is to be modified, as it is felt that under Rule 125F, all transport vehicles irrespective of seating capacity shall also be compulsorily equipped with vehicle location tracking device, CCTV and one or more emergency buttons, as it is noticed that untoward incidents have happened in less than 23 passenger capacity vehicles also.

2) KSRTC has already initiated action to install GPS units to its fleet strength of 8000+ buses to create an efficient and viable IT driven Public Transport System in the State as well as in the country for the first time. It is also felt that the Ministry may extend financial support for implementation of this project.

Thanking you,

Yours faithfully,

Encl: one

Managing Director

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ಕರ್ನಾಟಕ ರಾಜ್ಯ ರಸ್ತೆ ಸಾರಿಗೆ ನಿಗಮ

KARNATAKA STATE ROAD TRANSPORT CORPORATION

CENTRAL OFFICES: VTMS & PIS PROJECT Bengaluru: 560 027

Email: vtms@ksrtc.org & vtmsksrtc@gmail.com

Visit: www.ksrtc.in

Date: 13/05/2016

Suggestions on the Draft Notification dated 02/05/2016 No RT-11028/12/2015 - MVL, Rule 125F - Provision of Vehicle Location Tracking device. Alert Button and Closed Circuit Television - Motor Vehicles Act, 1988 (59 of 1988).

- 1) Under Rule 125F, all transport vehicles with seating capacity of 23 passengers and above or less than 23 passengers, (Excluding Driver) shall also compulsorily be equipped with or fitted with vehicle location Tracking device, CCTV and One or more emergency buttons. It is noticed that untoward incidents have happened in less than 23 passenger vehicles also.
- GOI-MoRTH may specify proto type VMU after consulting major RTC's who
 have already installed VMU in their buses and also Technical experts in the field.
- 3) The Vehicle Tracking Unit shall with stand any level of **power fluctuations** ranging from 04 to 450 volts.
- 4) The specifications of Vehicle Tracking Unit shall have security, operational, compatible, integral/upgradable, technical features, including 4G or 5G or further requirements for next ten years.
- 5) It is suggested that MORTH may issue clarity/guidelines on the establishment of Data Centre/its management, Central Control Stations at different levels (STA & DTA) suiting the requirements of State Road Transport Corporations and Private Transport Vehicles. This will facilitate the different stakeholders (RTC's, Transport Department, Home Department, Traffic Police and Other departments) to use the system effectively.
- 6) Closed Circuit Television Cameras shall be recordable, live streamable, IP /Network based, Downloadable at source places or at Central Control Stations.
- 7) It is suggested to install CCTV's at bus stations (both public and private operators) to ensure safety and security of women.
- 8) It is suggested that MORTH may provide appropriate TOOL KITs covering the above and other suggestions as may be felt by the Ministry. Even the need of Two Way Voice Communication between bus (thro' Tracking Unit from bus to Central Control Station) and CCS is required or not may be indicated.

SIAM

Executive Director (Tech.)

TD-01: 100

Shri Abhay Damle
Joint Secretary
Ministry of Road Transport & Highways
Transport Bhavan, 1, Parliament Street
New Delhi – 110001

Society of Indian Automobile Manufacturers

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1197485/7565

Subject: SIAM Comments on G.S.R. 478 (E) dated 02nd May, 2016 for Provision of Vehicle Location Tracking

Device, CCTV and Emergency Button

Dear Sir,

This has reference to draft notification G.S.R. 478 (E) issued by MoRT&H on 02nd May 2016 for amendment in Central Motor Vehicle Rules, 1989. SIAM comments on the draft notification are given in Annexure-I. The salient points are summarized below:

1. Technical requirements for ITS equipment: The draft notification does not give any technical requirements. Detailed technical requirements, their backend data server integration should be drafted first in order to understand the nature of changes required in vehicles for integration of required devices on vehicles and for development / validation of devices compliant to the technical requirement AISC is formulating an Automotive Industry Standard (AIS-140) on the technical requirements for these devices based on base papers prepared by DIMTS and UBS-II ITS requirements. AIS 140 is likely to be finalized in a few months' time. Accordingly, we suggest including AIS-140 in the draft notification.

Responsibility for fitment: M1 category vehicles are registered both as private and as transport vehicle. At the manufacturing stage, OEM doesn't know which vehicle is going to be registered as transport vehicle. Even in other categories of vehicles, it is not known which vehicles will be exempted from permit. Accordingly, it is necessary to allow fitment of these devices either by equipment manufacturer or vehicle manufacturer or their dealers.

Further, it is also important to fix responsibility of ensuring fitment of these devices with permit holder (as suggested by DIMTS as well). This would help in ensuring compliance to this requirement and fixing responsibility in case a vehicle falling in scope of this notification is found to be operating without these devices.

- 3. Implementation Timeline: Two critical factors to be taken into account for deciding mandatory implementation across India are as below
 - (a) Creation of back-end IT infrastructure These devices are to interact with back-end IT infrastructure to serve the desired purpose. Currently, only some trials are being conducted in a couple of cities that too on a limited basis. Thus, it is suggested that back-end IT infrastructure be put in place at fast pace and fitment of required devices on vehicles be planned in synergy with the establishment of IT infrastructure.

Society of Indian Automobile Manufacturers

As a large number of vehicles and vehicle categories are covered under scope of this notification, simultaneous implementation for all categories of vehicles will require a huge IT infrastructure capable of handling a very large amount of data. Thus, it may be better to plan a phase-wise implementation starting with buses and then extending over a period of time to other categories of vehicles.

Further, in order to identify and sort out any operational and technical issues, it would be appropriate if a number of pilot trials are conducted for various categories of vehicles in various parts of countries before defining dates for mandatory implementation.

(b) Defining Technical and Certification Requirements – In absence of Technical requirements OEM's (and even device manufacturers) cannot estimate the time required for development and certification of the required devices. Once technical requirements & their integration with data server are frozen, the time required for development and certification can be estimated. The time required for technical development and certification can be defined as soon as AIS 140 is finalized (likely in next few months' time).

In view of the above, it is submitted to give a lead time of at least two years for implementation which will be required for readiness of back-end IT infrastructure and for technical development and certification, etc.

4. Exclusion of 3-Wheelers: As per current scope of notification, the provisions of 'Vehicle location tracking device' and 'emergency button' will be applicable for 3 wheeler passenger vehicle (auto rickshaw) also, when used as transport vehicles. These vehicles are generally open vehicles / partially enclosed vehicles and used for point-to-point transportation of the passengers for short distances in city. Hence, these vehicles can easily be tracked. Vehicle location tracking device and emergency button, if provided in 3 wheelers, will always be exposed to outside environment (dust, heat, rain, etc.) and prone for theft due to open bodied vehicles. Thus, we request that 3-wheelers be exempted from the scope of this notification.

Submitted for your kind consideration and request that a meeting may be called to deliberate on the above submission.

With kind regards,

Yours faithfully,

K K Gandhi

Annexure:

Annexure-1: Modified Draft G.S.R. 478(E) dtd. 02nd May 2016, incorporating changes proposed in final notification.

Society of Indian Automobile Manufacturers MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 2nd May, 2016

- G.S.R. 478(E).— The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of The Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.
- 2 Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3 Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (----Amendment) Rules, 2016.
 - (2) They shall come into force on the date of their final publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely.-
- "125-F. Provision of Vehicle Location Tracking Device, Alert Button and CCTV.- (1) On and after two years from the date of final notification by the Central Government, all motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or- fitted with vehicle location tracking device, CCTV based surveillance system, and one or more emergency buttons as per the Table below:

TABLE

SI.No.	Transport Vehicle Seating Capacity	Vehicle Location tracking Device	CCTV based surveillance system	Emergency Button
1.	23 passengers and above (excluding Driver)	Yes	Yes	Yes
2.	Less than 23 passengers (excluding Driver)	Yes	No	Yes

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) three wheelers;
- (iii) goods carriage; and
- (##iv) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

Provided further that the specifications, testing and certification requirements of the Vehicle Location Tracking Device, alert button and CCTV based surveillance system shall be in accordance with such standard as may be published by the Central Government by notification in the Official Gazette. AIS-140:2016, as amended from time to time till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

Provided also that the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with such

standard as may be published by the Central Government by notification in the Official Gazette. AlS-140:2016, as amended from time to time till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 136 (63 of 1986).

Provided further that the permit holder shall be responsible to ensure fitment of the Vehicle Location Tracking Device, Alert Button and CCTV surveillance system devices in accordance with this rule, before issue of a new permit or before renewal of an existing permit, as applicable, through the vehicle manufacturer or equipment manufacturer or their dealer in accordance with AIS-140:2016, as amended from time to time till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

ABHAY DAMLE, Jt. Secy.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S R. 590(E), dated the 2nd June, 1989 and last amended vide notification number _____(E) dated

प्रगत संगणन विकास केंद्र CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

संचार एवं सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार A Scientific Society of the Ministry of Communications and Information Technology, Government of India



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रमणी बी / RAMANI B. कार्यपालक निदेशक / Executive Director

इडी/सीडैक(टी)`/ ED/CDAC(T)/MORTH/48/2016 तारीख/ Date: 18/05/2016

Shri. Abhay Damle

Joint Secretary (Transport)

Government of India

Ministry of Road Transport and Highways

No.1, Parliament Street, Transport Bhavan

New Delhi - 110001

महोदय/ Sir,

विषय/Sub: Provision of Vehicle Location tracking device, alert button and CCTV in transport vehicles

संदर्भ /Ref: Draft notification G.S.R 478(E) dated 2nd May 2016

We would like to appreciate and congratulate the efforts of the Ministry of Road Transport and Highways in making it mandatory for all transport vehicles to be fitted with Vehicle Tracking Devices, CCTV based surveillance system and Emergency buttons, which will go a long way in ensuring safety of passengers. With reference to the draft notification dated 2nd May 2016 on provision of Vehicle location tracking device, alert button and CCTV, we would like to submit the following for your kind information.

- 1. C-DAC Thirdvananthapuram, the premier R&D organization of the Department of Electronics and IT (Deity), MCIT, Government of India has been working with the Motor Vehicles Department of Kerala for the last 18 months on developing a Smart Vehicle Tracking and Management system for the Public Transport vehicles in Kerala. We also have been working on tracking the Inter-state vehicles entering Kerala, which carry hazardous goods.
- 2. The major technology issue we identified is tracking more than a lakh vehicle simultaneously, without missing any vehicle. We would like to state that we have been successful in simulating the tracking of more than 1 lakh vehicle simultaneously using Big data technology, which can be scaled to higher number of vehicles with hardware enhancement.

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- 3. We also identified that availability of affordable map for plotting the vehicles is an issue. We had considerable interactions with all the map service providers and found that all of them are highly expensive. All of them have IPR clauses, which constraints the Motor Vehicles Department in optimal use of the map solutions. Finally, we developed our own Map platform and decided to procure map data from map service providers, so that Motor Vehicles Department have the flexibility to use any map data in the future.
- 4. Another issue we identified is that there is no standardisation of Vehicle Tracking Units (VTU) available in the market. We interacted with about 30 manufacturers of VTUs and arrived at an optimal standard specification for VTU, which meets the requirements of Motor Vehicles, Department. Tilt sensor, impact sensor and Emergency button have been included in the specifications, to ensure safety and also to ensure realtime alerts in case of emergency. We also specified a uniform data format and communication interface specification for the VTU, so that there is no requirement to alter the software, when a new VTU device comes to the market.
- 5. Motor Vehicles Department also wanted to ensure that the VTU buyers (vehicle owners) will have multiple choices of VTUs available in the market and they are assured of prompt after sales service by the vendors. As per discussions with Motor Vehicles Department, it was decided to empanel VTUs, which meets all the technical and operational specifications as mentioned above. Online automated testing facility has been made available to all the manufacturers to validate compliance to the software specifications. It was also decided to empanel vendors/ distributors in each locality, so as ensure prompt service to the buyers.
- 6. Currently the management of Route permits for Public transport vehicles is done manually, and it has become unmanageable as the number of vehicles increase. We have included alerts on route deviation and route curtailment for the vehicles operating on scheduled routes. So, under the guidance of Motor Vehicles Department, it was decided to develop a software for the management of the Routes, including the waypoints on the route, so that route deviations and route curtailments of Public transport vehicles can be easily identified by the system.
- 7. There have been many accidents involving trucks and other vehicles carrying hazardous goods coming from outside the state, tracking of which has been very difficult. As desired by Motor Vehicles Department of Kerala, an RFID based system is being introduced in all the Check posts in Kerala, through which the vehicles carrying hazardous goods can be identified and tracked while the vehicle is in Kerala.



A pilot implementation of the Vehicle Tracking and Management system was conducted at Sabarimala during the last pilgrimage season and the software has been modified based on the feedback. The second pilot is being implemented for the vehicles of the Motor vehicles Department spread all over Kerala. Empanelment of VTU is in the final stages and we are waiting for availability of approved VTUs for rolling out State-wide implementation, which is expected to start from June 2016. All these activities have been monitored and guided through a three level Monitoring and Steering Committee set up by the Transport Department of Kerala: Project Support Committee which looks into the functional and Technical aspects and which meets every month, Project Monitoring Committee headed by State Transport Commissioner which meets every three months and the Apex Committee headed by the Transport Secretary, which meets every six months.

We would be too happy to provide any assistance to Ministry of Transport and Highways in implementing Tracking and Management systems for the transport vehicles.

सधन्यवाद/Thanking you,

भवदीय/Yours faithfully,

रमणी बी / RAMANI B.

कार्यपालक निदेशक / Executive Director

रमणी वी Ramani B कार्यपालक निवेशक Executive Director

Copy to:

- 1. Transport Secretary, Govt of Kerala
- 2. Transport Commissioner, MVD, Kerala



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तिरुवनंतपुरम 695 033, भारत

रमणी बी / RAMANI B. कार्यपालक निदेशक / Executive Director

इडी/सीडेंक(टी)`/ ED/CDAC(T)/MORTH/48/2016 तारीख/ Date: 18/05/2016

Shri. Abhay Damle Joint Secretary (Transport) Government of India Ministry of Road Transport and Highways No.1, Parliament Street, Transport Bhavan New Delhi - 110001

सहोदय/ Sir.

বিশ্য/Sub: Provision of Vehicle Location tracking device, alert button and CCTV in transport vehicles संदर्भ /Ref: Draft notification G.S.R 478(E) dated 2nd May 2016

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We would be too happy to provide any assistance to Ministry of Transport and Highways in implementing Tracking and Management systems for the transport vehicles.

रमणी वी Ramani B कार्यपालक निदेशक Executive Director

सधन्यवाद/Thanking you, भवदीय/Yours faithfully,

Konemi. &

रमणी वी / RAMANIB.

कार्यपालक निवेशक / Executive Director

Copy to:

1. Transport Secretary, Govt of Kerala

2. Transport Commissioner, MVD, Kerala



No. RT-11028/12/2015-MVL Government of India Ministry of Road Transport and Highways

Transport Bhawan, 1, Parliament Street, New Delhi -110001 Dated the |3 June, 2016.

To,

The Director,
Automotive Research Association of India,
S. No. 102, Vedtal Hill, Off Paud Road,
Kothrud
Pune-411 038.

Subject: Comments received on GSR 478(E) dated 02nd May 2016 regarding GPS, alert buttons and CCTV

Madam,

I am directed to forward the comments received from SIAM, Karnataka State Road Transport Corporation, All India Motor Transport Congress, and Indian Tourist Transport Association, on the above mentioned subject, for your examination

2. You are requested to kindly furnish the comments to this Ministry at the earliest.

Yours faithfully,

Encls: As above

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tel: 011-23357125

Email: dharkat@nic.in

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Subject: Comments from various stakeholders on GSR 478 (E) dated 2nd May

Date: 07/01/16 05:25 PM 2016 regarding provision of vehicle location tracking device, CCTV, Alert From: "A. S. Bhale"

- Shale apx@araiindia.com

button in passenger transport vehicles.

To: "dharkat@nic.in" <dharkat@nic.in>

Cc: "abhay.damle@gov.in" <abhay.damle@gov.in>,

"js-tpt@gov.in" <js-tpt@gov.in>,

"dirmvl-morth@gov.in" <dirmvl-morth@gov.in>,

"bhartip@ias.gcv.in" <bhartip@ias.gov.in>,

Rashmi Urdhwareshe <urdhwareshe@araiind a.com>,

"A A. Badusha" <badusha.apx@araiindia.com>

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Modified_G.S.R. 478(E).docx (17kB)

ARAI/HMR/MoRT&H/16-17/17

July 1, 2016

Ministry of Road Transport & Highways Parivahan Bhawan 1, Sansad Marg New Delhi 110 001

Kind Attn.: Ms. Dharkat Luikang, Under Secretary to Govt. of India

Comments from various stakeholders on GSR 478 (E) dated 2nd May 2016 regarding provision of vehicle location tracking device, CCTV, Alert button in passenger transport vehicles.

Dear Madam,

Please see attached letter

Thanking you, Yours sincerely,

A. A. Badusha Senior Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation Lab

Thanking you, Yours sincerely,

A. S. Bhale General Manager, ARAI Member Secretary, AISC

The Automotive Research Association of India

https://mail.gov.in/iwc_static/layout/shell.html?lang=en-US&3.0.1.2.0_15121607

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The Automotive Research Association of India

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ARAI/HMR/MoRT&H/16-17/17

July 1, 2016

Ministry of Road Transport & Highways Parivahan Bhawan 1, Sansad Marg New Delhi 110 001

Kind Attn.: Ms. Dharkat Luikang, Under Secretary to Govt. of India

Sub: Comments from various stakeholders on GSR 478 (E) dated 2nd May 2016 regarding provision of vehicle location tracking device, CCTV, Alert button in passenger transport vehicles.

Dear Madam,

This has reference to your E- mail date 3rd June 2016 and comments received for various organizations on the above cited subject. We have gone through the comments. We enclose herewith summary and our views on the same for Ministry's consideration. Also, please find enclosed modified draft rules GSR 478 (E) dated 2nd May 2016 prepared taking into account above views for Ministry's consideration.

Thanking you, Yours sincerely,

A. A. Badusha

Senior Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation Lab

provision of Vehicle location tracking device, Alert button and CCTV in passenger transport vehicles and ARAI's views on the same (1 July 2016) Summary of comments received on GSR 478(E) dated 2nd May 2016 on

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A) Maharashtra State Road Transport Corporation. Letter Ref No: ST/ME/MNT/2437 dated 1-Jun-2016	ARAl's Views 2437 dated 1-Jun-2016
i) Requests for phase wise implementation of fitment of vehicle location tracking, CCTV and alert button in buses with a lead time of 2 year time considering @ 18000 buses in operation.	Suitable lead time may be considered by Ministry for smooth implementation.
ii) Specifications for above devices be formulated to have uniformity in all STU's across country.	- AIS-140 :"Intelligent Transportation Systems (ITS) - Requirements for Public Transport Vehicle Operation" is under formulation in AISC panel taking inputs from all stakeholders including DIMTS and UBS-II ITS. This AIS covers specifications for above products of ITS system and could be notified once adopted by AISC/CMVR-TSC.
~	.6944 dated 27 th May 2016
i) Back office infrastructure is required for operation of CCTV.	 Back office infrastructure for CCTV for data storage, analysis, retrivibility etc. would be required. Ministry may like to review for further direction to the concerned.
ii) Since the buses are hired by groups/families, using CCTV will be infiltration of privacy. Hence, fitment of CCTV should not be made mandatory for buses owned by tourist transport operators recognized by Ministry of Tourism, GOI.	For common safety reasons CCTV would be required in all types of Public Service Vehicles.
iii) As mentioned in point no. ii) above, since the vehicles are hired by a group or family, the need of panic button does not arise. But for the overall safety and security of bus and passengers, there should be inbuilt panic button besides the driver.	In addition to fitment of alert button near driver position, it will also be required to provide an additional alert button(s) in passenger area to handle emergency situations.

Page 2 of 3

ses, Section (2) Definitions: Sub-section (35) and (47) gives expliced and "Transport vehicle" respective for the category of vehicles and applicability of provisions of them. To on the category of vehicles and applicability of provisions and operational limitation of E-rickshaw, it is a vehicles may be exempted from provision of the limitative is taken by the Government of India visions. There were untoward incidents, concerning safety is the purview of the Ministry. Ministry. Ministry. All these points related to technical specification arear in AIS-140 which is under formulation. Clarity on also will be included in this standard. at at local storage device is expected which will centre under vehicle static condition only. Live streamid. These facilities would be required in existing a seating device, emergency buttons in the vehicle less that 23 seats (excluding driver) is already covernillance system in such vehicles having seating capacity may be considered by Ministry in line.	C) All India Motor Transport Congress, New Delhi, Ref: By/RT&H/034/2016-17 dated 31st May 2016	lated 31st May 2016
Filment of vehicle tracking device, CCTV surveillance system and aler button should be voluntary, it should not be made mandatory or linked to passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the initigative is taken by the Government of India passengers and hence the India passengers and hence the India passenger and hence of CTV camera's and one official in the purview of the Ministry. - This is in the purview of Mainstry. - This is in the purview of Mainstry. - This is in the purview of Mainstry. - Clarity on operation of all these devices to availability of operation of all the total or all though and on the condition only. Live streaming and not dynamic. - Live telecast though CCTV is feasible only in static vehicle condition of all the total provide these devices. - Live telecast though CCTV is feasible only in static vehicle condition of all the condition only. Live streaming only and not to existing wehicles. Og should provide these devices. - Request to make installation of these devices mandatory in new vehicles also. - Considering safety of passengers, these facilities would be required in existing the vehicle location tracking device, cCTV based surveillance system, and emergency and emergency of passengers, these facilities will gently expected which is under the condition only. Live streaming capaci		- Motor Vehicle Act, 1988, Section (2) Definitions: Sub-section (35) and (47) gives definition of "Public service vehicle" and "Transport vehicle" respectively. Hence there is clarity on the category of vehicles and applicability of provisions of the notification to them.
Firment of vehicle tracking device, CCTV surveillance system and alert button should be voluntary. It should not be made mandatory or linked to be buttons should be levied by Government of india permit and fitness condition. No additional fee should be levied by Government of Inkies in the purview of Ministry.		However considering open design and operational limitation proposed that these vehicles may be exempted from notification.
No additional fee should be levied by Government Technical specifications of vehicle_tracking device, CCTV Camera's and alert button should be clear and vendor independent. Also, availability of these devices to be looked into. Clarity on operation of alert button is required. Live telecast through CCTV is feasible only in static vehicle condition and not dynamic. Request to make installation of these devices mandatory in new vehicles only and not to existing vehicles. OE should provide these devices. Rarnataka State Road Transport Corporation, Bangalore, Ref No: KST/CO/VTMS Less than 23 passenger capacity vehicle also should be fitted with vehicle location tracking device, CCTV based surveillance system, and emergency buttons as untoward incidents have happened in these vehicles also.	Fitment of vehicle tracking device, CCTV surveillance system and button should be voluntary. It should not be made mandatory or link permit and fitness condition.	The same of the sa
Technical specifications of vehicle_tracking device, CCTV Camera's and alert button should be clear and vendor independent. Also, availability of these devices to be looked into. Clarity on operation of alert button is required. Live telecast through CCTV is feasible only in static vehicle condition and not dynamic. Request to make installation of these devices mandatory in new vehicles only and not to existing vehicles. OE should provide these devices. Karnataka State Road Transport Corporation, Bangalore, Ref No: KST/CO/VTMS Less than 23 passenger capacity vehicle also should be fitted with vehicle location tracking device, CCTV based surveillance system, and emergency buttons as untoward incidents have happened in these vehicles also.	ii) No additional fee should be levied by Government	
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Less than 23 passenger capacity vehicle also should be fitted with vehicle location tracking device, CCTV based surveillance system, and emergency buttons as untoward incidents have happened in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in the happened in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in the happened in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in the happened in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in the happened in these vehicles also. - Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less than 23 seats (excluding driver) is already in the location tracking device, emergency buttons as untoward incidents have be considered by Ministry in the location tracking device.		
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may be considered by Minietry in line	Less than 23 passenger capacity vehicle also should location tracking device, CCTV based surveillance sybuttons as untoward incidents have happened in these	Fitment of vehicle location tracking device, emergency buttons in the having seating capacity less that 23 seats (excluding driver) is already in the notification.
	· ·	

1) - Trechnical specifications /prototype of system should be defined All these points are being taken care in the AIS-140 which is under formulat specifications shall be future upgradable. Cameras shall have recording facility Guidelines for control centre/data centre implementation shall be future upgradable. Cameras shall have recording defined Guidelines for control centre/data centre implementation shall be future upgradable. Cameras shall have recording be future upgradable. Cameras shall have recording to facility. E) Society of Indian Automobile Manufacturers (SIAM), New Delhi, Ref No: TD-01: 100 dated 31-May-2016 Detailed technical requirements for INS equipment. Detailed technical requirements for integration of requirements be included in the notification. II) Since OE does not know which vehicle would be registered as transport or private, there is need to define responsibility of frament of above devices. Also with permit holders. III) Since OE does not know which vehicle would be registered as transport or private, there is need to far seponsibility of frament of above devices. III) Shace OE does not know which vehicle would be registered as transport or private, there is need to far seponsibility of frament of above devices. III) Shace OE does not know which vehicle would be registered as transport or private, there is need to far seponsibility of frament of these devices with permit holders. III) Phase West implementation time line needs to be decided considering and stabilishment of back end if and large number of vehicles. SIAM has been seed to the responsibility of proving the permit holders. III) Phase West implementation time line needs to be decided considering phase well implementation. To begin with public transport vehicles to considering the permit holders. III) Phase West implementation Ministry may goods we considered the considering phase well implementation. To begin with public transport vehicles subably each end infrastructure. Considering the considering than		
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tre implementation shall be end data server integration of changes required in vehicles icles and for development / cal requirements. Hence, AIS-ed in the notification. be registered as transport or of fitment of above devices. It is to be decided considering or	- Technical specifications /prototype of system Technical specifications shall be future upgradable. Cameras facility.	- All these points are being taken care in the AIS-140 which is under formulation.
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end data server integration of changes required in vehicles icles and for development / cal requirements. Hence, AIS-ed in the notification. be registered as transport or of fitment of above devices. Arring fitment of these devices of the decided considering or genumber of vehicles. SIAM	Society of Indian Automobile Manufacturers (SIAM),	01: 100 dated 31-May-2016
be registered as transport or of fitment of above devices. Aring fitment of these devices are to be decided considering greenumber of vehicles. SIAM	Technical requirements for ITS equipment: Detailed technical requirements, their back end direquired in order to understand the nature of change for integration of required devices on vehicles an validation of devices compliant to the technical requirements be included in the	- See remarks at A) ii) above. AIS-140 is under formulation. The same could be notified once it is adopted in AISC/CMVR-TSC.
s to be decided considering ge number of vehicles. SIAM	ii) Since OE does not know which vehicle would be registered as transport or private, there is need to define responsibility of fitment of above devices. Also there is need to fix responsibility of ensuring fitment of these devices with permit holders.	- Ministry may address these concerns suitably e.g. responsibility to meet the provisions will be with OE or Bus Body Builder or permit holder as the case may be.
L		 Considering voluminous work involved in testing and approval of devices / vehicles and establishment of back end infrastructure, Ministry may consider phase wise implementation. To begin with public transport vehicles (buses) with proceed the description.
not be excluded.	iv) Exclusion of 3-Wheelers from this notification.	 Considering safety of passengers at night and remote areas, 3-Wheelers should not be excluded.

Modified Draft Rules G.S.R. 478 (E) dated 2nd May 2016 considering summary of comments received by the Ministry from various stakeholders and ARAI's views on the same.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 2nd May, 2016

- G.S.R. 478(E).— The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of the Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.
- 2. Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3. Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry ofRoad Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (-----Amendment) Rules, 2016.
- (2) They shall come into force on the date of their final publication in the Official Gazette.
- 2.In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following ruleshall be inserted namely.-
- "125-F. Provision of Vehicle Location Tracking Device, AlertEmergency Button and CCTVCamera Surveillance System.-
- -(1) All motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fittedwith vehicle location tracking device, CCTV based camera surveillance system, and one or more emergency buttons asper the Table below:

(Justification: To have uniformity in nomenclature in line with AIS-140)

TABLE

Sl.No.	Transport Vehicle Seating Capacity	Vehicle Llocation tracking Ddevice	basedCamera surveillance system	Emergency Bbutton
1.	2313passengers andorabove (excluding Driver)	Yes	Yes	Yes
2.	Less than 23 13 passengers (excluding Driver)	Yes	No	Yes

(Justification on the ARAI proposal: Bus Body Code is applicable to buses with seating capacity 13 passengers or above excluding driver. The threshold of 13 passenger would help bringing clarity in fitment of especially camera surveillance system in such buses where untoward incidents may happen. Also please see comment from Karnataka State Road transport Corporation. (D) i). Hence ARAI recommends threshold of 13 passengers or above excluding driver in line with Bus Body Code.

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) E-rickshaw
- (ii)(iii) goods carriage; and
- (iii)(iv)any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

(Justification: Considering open design and operational limitation of E-rickshaw, it is proposed that these vehicles may be exempted from provisions of the notification).

Provided further that the specifications, testing and certification requirements of the \text{\text{V}} vehicle \text{\text{Location TtrackingD}} device, \text{\text{alertemergencybutton}} and \text{\text{CCTV based}} camerasurveillance system shall be in accordance with \text{\text{such standard as may bepublished by the Central Government by notification in the Official Gazette.} AIS-140:xxxx, as amended from to time, till such time corresponding BISspecifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

(Justification: To have uniformity in nomenclature in line with AIS-140. AIS-140 covers approval of device and vehicle)

Provided also that the Vehicle Location Tracking Device, alertemergency button and CCTV based camerasurveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with such standard as may be published by the Central Government by notification in the Official Gazette.

AIS-140:xxxx, as amended from to time, till such time corresponding BISspecifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

[No.RT-11028/12/2015-MVL] ABHAY DAMLE, Jt. Secy.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) videnotification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended vide notification number _____(E) dated______.

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The Automotive Research Association of India

(Research Institute of the Automotive Industry with Ministry of Heavy Industries & Public Enterprises, Govt. of India)

ARAI/HMR/MoRT&H/16-17/{ I

July 1, 2016

Ministry of Road Transport & Highways Parivahan Bhawan 1, Sansad Marg New Delhi 110 001

Kind Attn.: Ms. Dharkat Luikang, Under Secretary to Govt. of India

Sub: Comments from various stakeholders on GSR 478 (E) dated 2nd May 2016 regarding provision of vehicle location tracking device, CCTV, Alert button in passenger transport vehicles.

Dear Madam,

This has reference to your E- mail date 3rd June 2016 and comments received for various organizations on the above cited subject. We have gone through the comments. We enclose herewith summary and our views on the same for Ministry's consideration. Also, please find enclosed modified draft rules GSR 478 (E) dated 2nd May 2016 prepared taking into account above views for Ministry's consideration.

Thanking you, Yours sincerely,

A. A. Badusha

Senior Deputy Director & Head Homologation Management, Regulation & Vehicle Evaluation Lab

SUJK.



Summary of comments received on GSR 478(E) dated 2nd May 2016 on provision of Vehicle location tracking device, Alert button and CCTV in passenger transport vehicles and ARAI's views on the same (1 July 2016)

	ii)	3	=	В)		===	A	,
	iii) As mentioned in point no. ii) above, since the vehicles are hired by a group or family, the need of panic button does not arise. But for the overall safety and security of bus and passengers, there should be inbuilt panic button besides the driver.	Since the buses are hired by groups/families, using CCTV will be infiltration of privacy. Hence, fitment of CCTV should not be made mandatory for buses owned by tourist transport operators recognized by Ministry of Tourism, GOI.	Back office infrastructure is required for operation of CCTV.	B) Indian Tourist Transporters Association, New Delhi, Ref: ITTA:KDY:05:16(JS):26944 dated 27 th May 2016	Specifications for above devices be formulated to have uniformity in all STU's across country.	Requests for phase wise implementation of fitment of vehicle location tracking, CCTV and alert button in buses with a lead time of 2 year time considering @ 18000 buses in operation.	A) Maharashtra State Road Transport Corporation. Letter Ref No: ST/ME/MNT/2437 dated 1-Jun-2016	Comments Received
	In addition to fitment of alert button near driver position, it will also be required to provide an additional alert button(s) in passenger area to handle emergency situations.	For common safety reasons CCTV would be required in all types of Public Service Vehicles.	- Back office infrastructure for CCTV for data storage, analysis, retrivibility etc. would be required. Ministry may like to review for further direction to the concerned.	26944 dated 27 th May 2016	 AIS-140:"Intelligent Transportation Systems (ITS) - Requirements for Public Transport Vehicle Operation" is under formulation in AISC panel taking inputs from all stakeholders including DIMTS and UBS-II ITS. This AIS covers specifications for above products of ITS system and could be notified once adopted by AISC/CMVR-TSC 	Suitable lead time may be considered by Ministry for smooth implementation.		ARAI's Views

having seating capacity less that 23 seats (excluding driver) is already covered in the notification.	i) Less than 23 passenger capacity vehicle also should be fitted with vehicle location tracking device, CCTV based surveillance system, and emergency buttons as untoward incidents have happened in these vehicles also.
TMS/93/2016-17	D) Karnataka State Road Transport Corporation, Bangalore, Ref No: KST/CO/VTMS/93/2016-17
- Considering safety of passengers, these facilities would be required in existing vehicles also.	v) Request to make installation of these devices mandatory in new vehicles only and not to existing vehicles. OE should provide these devices.
 See remarks at A) ii) above. All these points related to technical specification and operation are taken care in AIS-140 which is under formulation. Clarity on operation of alert button also will-be included in this standard. Recording of video data at local storage device is expected which will be downloaded at control centre under vehicle static condition only. Live streaming of video is not intended. 	 iv) Technical specifications of vehicle tracking device, CCTV Camera's and alert button should be clear and vendor independent. Also, availability of these devices to be looked into. Clarity on operation of alert button is required. Live telecast through CCTV is feasible only in static vehicle condition and not dynamic.
- This is in the purview of Ministry.	iii) No additional fee should be levied by Government
- In the recent past there were untoward incidents, concerning safety of passengers and hence the initiative is taken by the Government of India to implement these provisions. - Permit or fitness of vehicles is in the purview of the Ministry.	ii) Fitment of vehicle tracking device, CCTV surveillance system and alert button should be voluntary. It should not be made mandatory or linked to permit and fitness condition.
- However considering open design and operational limitation of E-rickshaw, it is proposed that these vehicles may be exempted from provisions of the notification.	
- Motor Vehicle Act, 1988, Section (2) Definitions: Sub-section (35) and (47) gives definition of "Public service vehicle" and "Transport vehicle" respectively. Hence there is clarity on the category of vehicles and applicability of provisions of the notification to them.	i) Clarity for vehicles which are covered under passenger transport is needed Motor Vehicle definition of " Hence there is of the notification."

With respect to lead time for implementation Ministry may decide suitably.	iv) Exclusion of 3-1Whaplers from this potification
Considering voluminous work involved in testing and approval of devices / vehicles and establishment of back end infrastructure, Ministry may consider phase wise implementation. To begin with public transport vehicles (buses) may be considered.	infrastructure required for back-end IT and large number of vehicles. SIAM has proposed two years lead time.
- Ministry may address these concerns suitably e.g. responsibility to meet the provisions will be with OE or Bus Body Builder or permit holder as the case may be.	
	validation of devices compliant to the technical requirements. Hence, AIS-140 covering all above requirements be included in the notification.
- See remarks at A) ii) above. AIS-140 is under formulation. The same could be notified once it is adopted in AISC/CMVR-TSC.	
1: 100 dated 31-May-2016	
- Ministry may like to review for further direction to the concerned with respect to framing guidelines/specifications for establishment and operation of control centre/data centre.	 Guidelines for control centre/data centre implementation shall be defined.
	specifications shall be future upgradable. Cameras shall have recording facility.
- All these points are being taken care in the AIS-140 which is under formulation.	 ii) - Technical specifications /prototype of system should be defined.
capacity of Bus Body Code.	

Modified Draft Rules G.S.R. 478 (E) dated 2nd May 2016 considering summary of comments received by the Ministry from various stakeholders and ARAI's views on the same.

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 2nd May, 2016

G.S.R. 478(E).— The following draft rules further to amend the Central Motor Vehicles Rules, 1989, which the Central Government proposes to make in exercise of the powers conferred by sections 27, 41, 50, 109, 110 of the Motor Vehicles Act, 1988 (59 of 1988) is hereby published as required by sub-section (1) of section 212 of the said Act for information of all persons likely to be affected thereby and notice is hereby given that the said draft will be taken into consideration after expiry of a period of thirty days from the date on which the copies of this notification as published in the Gazette of India are made available to the Public.

- 2. Any objections or suggestions which may be received from any person with respect to the said draft rules within the expiry of the period so specified will be considered by the Central Government.
- 3. Objections or suggestions, if any, may be sent to the Joint Secretary (Transport), Ministry of Road Transport and Highways, Transport Bhawan, Parliament Street, New Delhi, within the period, specified above.

DRAFT RULES

- 1. (1) These rules may be called the Central Motor Vehicles (----Amendment) Rules, 2016.
 - (2) They shall come into force on the date of their final publication in the Official Gazette.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely.-

"125-F. Provision of Vehicle Location Tracking Device, Alert Emergency Button and CCTV Camera Surveillance System.-

-(1) All motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fitted with vehicle location tracking device, CCTV based camera surveillance system, and one or more emergency buttons as per the Table below:

(Justification: To have uniformity in nomenclature in line with AIS-140)

TABLE

Sl. No.	Transport Vehicle Seating Capacity	Vehicle Hocation tracking Adevice	CCTV based Camera surveillance system	Emergency Bbutton
1.	23 13 passengers and or above (excluding Driver)	Yes	Yes	Yes
2.	Less than 23 -13 passengers (excluding Driver)	Yes	No	Yes

(Justification on the ARAI proposal: Bus Body Code is applicable to buses with seating capacity 13 passengers or above excluding driver. The threshold of 13 passenger would help bringing clarity in fitment of especially camera surveillance system in such buses where untoward incidents may happen. Also please see comment from Karnataka State Road transport Corporation. (D) i). Hence ARAI recommends threshold of 13 passengers or above excluding driver in line with Bus Body Code.

Provided that the following category of vehicles shall be exempted from this rule:

- (i) two wheelers;
- (ii) E-rickshaw
- (iii) goods carriage; and
- (iii) (iv) any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).

(Justification: Considering open design and operational limitation of E-rickshaw, it is proposed that these vehicles may be exempted from provisions of the notification).

Provided further that the specifications, testing and certification requirements of the Vvehicle Llocation Ttracking D device, alert emergency button and CCTV based camera surveillance system shall be in accordance with such standard as may be published by the Central Government by notification in the Official Gazette. AIS-140:xxxx, as amended from to time, till such time corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

(Justification: To have uniformity in nomenclature in line with AIS-140. AIS-140 covers approval of device and vehicle)

Provided also that the Vehicle Location Tracking Device, alert emergency button and CCTV based camera surveillance system devices shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with such standard as may be published by the Central Government by notification in the Official Gazette.

AIS-140:xxxx, as amended from to time, till such time corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

> [No.RT-11028/12/2015-MVL] ABHAY DAMLE, Jt. Secy.

•	((.	
sub-section (i) vide no	rules were published in totification number G.S.R. ber(E) dated	590(E), dated the 2nd	ktraordinary, Part-II, section 3 June, 1989 and last amended
Uploaded by Dte. of l	Printing at Government of nd Published by the Contro	f India Press, Ring Road oller of Publications, De	, Mayapuri, New Delhi-110064 elhi-110054.



PPS to JS T MORTH <psjstransport@gmail.com>

Objections/Comments with regard to Notification issued on 2nd May 2016

1 message

Indian Tourist Transporters Association <ittaindia@gmail.com> To: PPS to JS T MORTH <psjstransport@gmail.com>

Sat, May 28, 2016 at 3:37 PM

Ref: ITTA:KDY:05:16(JS):26944

27th May 2016

Shri Abhay Damle Joint Secretary (Transport) Ministry of Road Transport & Highways Room No. 520, Transport Bhavan, 1 Sansad Marg, New Delhi - 110 001

Sub: Objections/Comments with regard to Notification issued on 2nd May Motor Vehicles (.....Amendment) Rules, 2016

Dear Sir,

In response to the objections invited by Ministry of Road Transport and Highways with regard to the notification of draft rules issued on 2nd May 2016.

Indian Tourist Transporters Association is a national body of tourist transport operators who are recognized by the Ministry of Tourism, Government of India under the provisions of "The Motor Vehicles (All India Permit for Tourist Transport Operators) Rules, 1993".

In the Central Motor Vehicles Rules, 1989 (hereinafter referred as the said rules), after rule 125-E, the following rule shall be inserted namely:

"125-F. Provision of vehicle Location Tracking Device, Alert Button and Closed Circuit Television - (1) All Motor vehicles used as transport vehicles, as defined under the Motor Vehicles Act, 1988 (59 of 1988) shall be equipped with or fitted with vehicle location tracking device, Closed Jo Circuit Television based surveillance system and one or more emergency buttons as per the Table Below:

S.No.	Transport Vehicle Seating Capacity	Vehicle Location Tracking Device	Closed Circuit Television based Surveillance System	Emergency Button
1.	23 passengers and above (excluding driver)	Yes	Yes	Yes
2.	Less than 23 passengers (excluding driver)	Yes	No	Yes

In this connection we would like to place on records our objections and comments to the pplicability of these provision to the tourist transport operators recognized by the Ministry of Tourism, Government of India as per the provisions of "The Motor Vehicles (All India Permit for Tourist Transport Operators) Rules, 1993".

- 1. Our vehicles are already equipped with Location Tracking Device and we have no objection to this clause.
- 2. The Tourist Transport Operators recognized by Ministry of Tourism, government of India are working under contract carriage, who may be corporate, embassy, government offices etc. etc. and they are well known to the transporter as they are dealing on regular basis and settling bills later.

In the absence of any networking system, CCTVs will not work efficiently and store the data. So the purpose of installing CCTVs will not be served.

- Moreover, the buses are hired by groups or families who object for operating CCTVs as this is infiltration to their privacy. So we request that CCTVs should not be made mandatory for vehicles owned by tourist transport operators recognized by Ministry of Tourism, Government of India.
- 3. Installation of Panic Button As mentioned in point no. 2, since the vehicles are hired by a group or family the need of panic button does not arise. But for the overall safety and security of buss and passengers, we recommend that there should be inbuilt panic button besides the driver.

We sincerely hope that the above objections & comments will be taken into account before finalizing the draft rules.

Thanks and regards,

Krishan Dutt Yadav

President

M. Krishnan Kutty Chief Coordinator Mobile: 9811450524 Indian Tourist Transporters Association (Regd) 5, CSC, Kaka Nagar Market Dr. Zakir Husain Marg New Delhi - 110 003 Phone: 011-23072150

Fax: 011-23072070

Email: ittaindia@gmail.com, president@ittaindia.com

Please do not print this email unless it is absolutely necessary.

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[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the September, 2016.

G.S.R. ____(E). –Whereas, the draft rules further to amend the Central Notor Vehicles Rules, 1989, were published as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988) vide notifications of Government of India in the Ministry of Road Transport and Highways number G.S.R. 316(E), dated the 23rd April,2015 and number G.S.R. 335(E), dated the 23rd March, 2016, in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of thirty days from the date on which copies of the Gazette containing the said notifications were made available to public;

Whereas, copies of the said Gazette notifications were made available to the public on the 23rd April, 2015 and the 23rd March, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government;

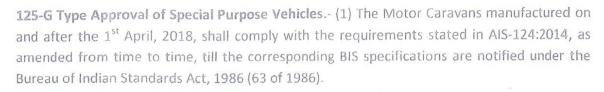
Now, therefore, in exercise of the powers conferred by sub-section (1) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:-

- 1. (1) These rules may be called the Central Motor Vehicles (Ninth Amendment) Rules, 2016.
 - (2) They shall come into force on the date of their publication in the Official Gazette.
- 2. In the Central Motor Vehicle Rules, 1989, (hereinafter referred to as the said rules) in rule 2, after clause (z), the following clauses shall be inserted, namely:-
 - '(za) "Motor Caravan" means a special purpose category M vehicle constructed to include living accommodation which contains at least the following equipment:-
 - (i) seats and table;
 - (ii) sleeping accommodation which may be converted from the seats;
 - (iii) cooking facilities; and
 - (iv) storage facilities,

which shall be rigidly fixed to the living compartment:

Provided that the table may be designed to be easily removable;

- (zb) "Road Ambulance" means a specially equipped and ergonomically designed vehicle for transportation and/ or emergent treatment of sick or injured people and capable of providing out of hospital medical care during transit or when stationary, commensurate with its designated level of care when appropriately staffed;
- (zc) "School Bus" means a vehicle with a seating capacity of thirteen passengers and above excluding driver designed and constructed specially for school going children;
- (zd) "Special Purpose Vehicle (SPV)" means a vehicle of category L [only in case of Road Ambulance complying to AIS-125 (Part1)-2014], M, N or T having specific technical features in order to perform a function which requires special arrangements and / or equipment.'.
- 3. In rule 108 of the said rules, on and after the 1st April, 2018, in sub-rule (1), in the proviso, for clause (iv), following clause shall be substituted namely:-
 - "(iv) the blinker type of red light with purple glass fitted to an ambulance van used for carrying patients or the warning lamps fitted on Road Ambulance in accordance with Annexure-1 of AIS-125 (Part-1)-2014; ".
- 4. In rule 108 of the said rules, after sub-rule (6), the following sub-rule shall be inserted, namely:-
 - "(7) On and after the 1st April, 2018, the top lights (warning lamps) fitted on Road Ambulances shall be in accordance with AIS:125 (Part1)—2014, as amended from time to time, for all types of ambulances specified therein, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).".
- 5. In rule 119 of the said rules, on and after 1st April, 2018, in sub-rule (3), following proviso shall be inserted, namely:-
 - "Provided that requirements for sirens of Road Ambulances shall be in accordance with AIS:125 (Part 1)-2014, as amended from time to time, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).".
- 6. In the said rules, after rule 125-E, the following rules shall be inserted, namely:-
- "125F- Type Approval of Road Ambulances of Vehicle categories I. and M. Road Ambulances of categories L and M manufactured on and after the 1st April, 2018, shall be in accordance with AIS: 125 (Part1)-2014 as amended from time to time, for all types of ambulances specified therein, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (6.) of 1986).



- (2) The Motor Caravans built on the existing vehicles as permitted under the clause 0.0 (b) of the said standard shall also comply with AIS-124:2014, as amended from time to time, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).".
- 7. In Form 22-A of the said rules,-

approved Test Agency."

- (i) after figures and letter "125C", the figures and letters "125F, 125G" shall be inserted;
- (ii) in PART-II,-)
 - (a) For items 4 and 5, the following shall be substituted, namely:-

"*4.	Bus	Body	Builder	Accreditation	Certificate	Numbe	er	Date
-		valid up	to date					
5.	Vehi	cle Bod	y constru	ction (Bus/Road	Ambulance/	Motor	Caravan	/etc.) Type

Approval Certificate Number _____ Date issued by the

(b) for the Note, the following Note shall be substituted, namely:-

"Note:- Part II shall be applicable for new model of buses manufactured on or after the 1st October, 2014 and for the existing models of buses manufactured on and after 1st October, 2016 and in case of Road Ambulances and Motor Caravans manufactured from the date of applicability of AIS-125 (Part 1): 2014 and AIS-124: 2014 respectively."

[No.RT-11028/10/2013-MVL]

(Abhay Damle)

Joint Secretary to the Government of India

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) vide G.S.R. 590(E), dated the 2ndJune, 1989 and last amended vide G.S.R. 682 (E) dated 12.07.2016.



PRIME MINISTER'S OFFICE

South Block New Delhi – 110 011

Please find enclosed herewith, for further necessary action, the minutes of the meeting held at PMO on 23rd August, 2016 to review implementation of 'Nirbhaya Fund' schemes.

(Dr. Shrikar Pardeshi) 24.8.2016

Chairman, Railway Board
Secretary, M/o Home Affairs
Secretary, M/o Road Transport and Highways
Secretary, M/o Women & Child Development
Secretary, MeITY

PMO ID NO. 4469/41 /2016/DIR(S')

Dated: 24.8.2016

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Single Portion

Please submit the file for notification of 9PS.

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6/9/16



Record of Discussions in the meeting to review implementation of 'Nirbhaya Fund' Schemes, held at PMO on 23rd August 2016, 12 noon

Joint Secretaries to PM conducted a meeting to review implementation of 'Nirbhaya Fund' Schemes on 23rd August, 2016. The list of participants is attached.

2. The main points discussed and decisions taken are as under:

SN	Scheme	Status	Decision
Ammi	One Stop Centre (OSC), M/o WCD	 First installment sanctioned for 33 States/UTs. Centres in 18 States/UTs operational. In second phase, 150 additional centres proposed in 29 States. Of the total 183 centres, 100 centres would be ready by 26th Jan 2017, 50 would be ready by 31st Mar 2017 & remaining 33 by 30th June 2017. 	 M/o WCD to ensure that the OSCs are completed as per timelines given. OSCs should be integrated with WHLs & NERS. Progress of State wise implementation be submitted.
2	Women Helpline (WHL) M/o WCD	 First instalment of Rs.15.46 cr sanctioned to 33 States/UTs. WHL operational in 13 States/UTs and remaining are in different stages of operationalization. Of the remaining 20 WHLs, target to complete 8 by 31st March 2017 and 12 by 31st Dec 2017. 	 M/o WCD to ensure that the WHLs are completed as per timelines given. WHLs should be integrated with OSCs & NERS. Progress of State wise implementation be submitted.

3	Mahila Police Volunteer, Govt. of Haryana, M/o WCD	0	The proposal has been approved for Rs.1.29 Crores by the Empowered Committee Meeting of Nirbhaya Fund on 19.07.2016 and sanction of the same has been issued by MWCD on 02.08.2016.	•	This was taken on record. WCD to evaluate the results of the pilot before scaling this up.
4	National Emergency Response System (NERS) MHA	0	Issue of 112 number is being resolved. MHA negotiated with BSNL and MTNL who have changed their base equipment. The process of NERS with complete integration by Dec 2016. Linkage with CCTNS is being undertaken in the original budget of Rs. 321 crores.	8	Action plan with detail components of the project, deliverables and timelines of roll out to be submitted by 15th Sept 2016.
5	Central Victim Compensation Fund (CVCF) MHA		Allotted Rs.190 crore from Nirbhaya Fund by MWCD to PAO, MHA for further drawal. One time grant has been released to all UTs except Delhi and Puducherry.	9	It was informed that sanction order will be issued in a day or two. MHA to release funds to States/UTs immediately.' MHA should develop a robust MIS for monitoring the updation and utilisation of this fund.

6	Investigative Units for Crime against Women (IUCAW) MHA		MHA informed that based on the decision in the meeting held on 3 rd May 2016, it is examining the utility of the scheme and decision would be taken soon.	•	MHA to expedite the final decision and place the same before Empowered Committee in its next meeting.
7	Organised Crime Investigative Agency Investigative Agency (OCIA) MHA	0	A decision has been taken to position OCIA in NIA. SFC is scheduled on 13 th Sept. 2016. The issue of section 66A of Information Technology Act needs to be addressed.	•	Action plan with detail timelines of roll out be submitted by 30 th Sept 2016.
8	Cyber Crime Prevention against Women & Children (CCPWC) MHA	0	MHA has examined the proposal in consultation with Deputy NSA, Secretary, DEITY & Secretary, WCD. Changes in legal framework are required. A committee of MHA is analysing this aspect. Cooperation from Telecom operators (within India) and Internet Service Providers and websites globally remains a challenge.	0	Action plan with detailed timelines of roll out be submitted by 30 th Sept 2016. Issue of Citizens' awareness need to be addressed. Sensitization of the legal/judicial officials needs to be planned. Member of M/o WCD should be taken on the committee on this subject.
9.	Security of Women in Public	0	MoRTH submitted that the allocated amount of Rs. 1405 crore has been surrendered.		There needs to be more clarity in the proposal. The

	Transport in the Country MoRTH	 Final notification for GPS devices and CCTV cameras for passenger vehicles would be issued within 15 days. MoRTH to integrate its project with the features envisaged in NERS. Consultation with DeITY and Transport Department, GNCTD has surfaced with Technical and financial bottlenecks. 	technical, financial aspects as well as issues of integration and robust backend need to be addressed. MoRTH should reexamine these aspects and submit revised proposal with clear timelines by 30th Sept. 2016.
10	Integrated Emergency Response Management System in Railways M/o Railways	Out of 983 stations, 631 have been sanctioned for work and 352 are under progress. 573 tenders have been issued and 25 have been opened.	 Action plan with detail timelines of roll out be submitted by 15th Sept 2016. Protocols dealing with distress calls for Railways and Police should be prepared.
pund	Andhra Pradesh Transport Dept, Govt. of AP MoRTH	• The proposal will be piloted in Vishakapatnam and Vijaywada and will be operational by December, 2016.	• This was taken on record.

- 3. M/o WCD should take a stock of availability of funds and if required, prepare a proposal for second supplementary demands.
- 4. M/o WCD review the progress of the implementation of Nirbhaya Fund on regular basis and submit the status update on 10th day of every month. All the concerned Ministries were requested to submit their status updates with M/o WCD, by 5th day of every month.

ANNEXURE

List of Participants

- 1. Shri T.V.S.N. Prasad, Joint Secretary, M/o Home Affairs
- 2. Shri Chetan B. Sanghi, Joint Secretary, M/o Women & Child Development
- 3. Shri K. Moses Chalai, Joint Secretary, M/o Women & Child Development
- 4. Shri Dilip Kumar, Joint Secretary, M/o Home Affairs
- 5. Shri Hitesh Makwana, Joint Secretary, M/o Home Affairs
- 6. Shri Abhay Damle, Joint Secretary, M/o Road Transport & Highways
- 7. Shri Shobhan Chaudhuri, Executive Director, M/o Railways
- 8. Shri Pradeep Chopra, Sr. Director, DEITY

PMO

- 1. Shri Tarun Bajaj, Joint Secretary
- 2. Ms. Debashree Mukherjee, Joint Secretary
- 3. Dr. Shrikar Pardeshi, Director
- 4. Shri Brijesh Pandey, Deputy Secretary

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

Notification

New Delhi, the September, 2016

G.S.R.....(E) --- Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

Whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government;

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- (1) These rules may be called the Central Motor Vehicles (_____Amendment)
 Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.
- 2. In the Central Motor Vehicles Rules, 1989 (hereafter referred as the said rules), after rule 125-G, the following rule shall be inserted namely.-

	1 d. L. Britan
1	"125-H. Provision of Vehicle Location Tracking Device and Emergency Button
	All public service vehicles as defined under the Motor Vehicles Act, 1988
	(59 of 1988) shall be equipped with or fitted with vehicle location tracking device and
	one or more emergency buttons of apply to
	Provided that the following category of vehicles shall be exempted from this rule: (i) two wheelers; (ii) E-rickshaw; and
	(ii) E-rickshaw; and (iii) Any transport vehicle that does not require permit under the Motor Vehicles Act, 1988 (59 of 1988).
7	Provided further that the specifications, testing and certification requirements of the vehicle location tracking device and emergency, button shall be in accordance with AIS-140: 2016, as amended from time to time, till such time corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
and the same	Provided also that the vehicle location tracking device and emergency button shall be fitted by the manufacturer or their dealer or the respective operators, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63-of 1986).
	[No.RT-11028/12/2015-MVL]
	(Abhay Damle) Joint Secretary to the Government of India.
	Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E), dated the 2 nd June, 1989 and last amended vide notification number(E) dated

्रिएस. दीपक ्रवव J.S. Deepak Secretary



भारत सरकार

संचार और सूचना प्रौद्योगिकी मंत्रालय इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी विधाग Government of India Ministry of Communications & Information Technology Department of Electronics & Information Technology (Deity)

> D.O.No. 22(2)/2015-ESDA 25 January, 2016

Deer Lengay,

Principal Secretary to Prime Minister had taken a meeting on 18 September, 2015 to review implementation of "Nirbhaya Fund". In the meeting, it was decided that "DeitY will look into the requirements of the technology and other aspects of Alert Button Project".

- 2. Ministry of Home Affairs (MHA) is implementing Nationwide Emergency Response System (NERS) wherein SOS signal in several modes such as from smart phone apps, landline, SMS as well as panic button alert from public transport can be received by NERS.
- 3. With regard to provision of panic button in mobile phones, we have worked out the requirement of technology in consultation with DOT.
- 4. With regard to alert button device to be installed in public transport buses or taxis, the device must include the ability to provide geo-location of the vehicle, its registration number, owner/driver details to the Control Room through GPRS or SMS, once it is activated. It should also be possible for the driver of the bus or the taxi and passenger to detect the mal-functioning or tampering of the alert device. Ascertaining, this should be possible both locally and remotely. Further for monitoring the health of the alert button installed in public transport, a backend system would have to be set up by MoRTH. This will also facilitate the NERS system being implemented by MHA to fetch necessary data from this backend system, whenever alert is sounded.
- 5. I would request you to kindly setup the necessary backend system in consultation with MHA so that Government can mandate installation of GPS based alert device in public transport.

With warm regards

Yours sincerely

(J.S. Deepak)

Shri Sanjay Mitra
Secretary
Ministry of Road Transport & Highways
Transport Bhawan
1, Parliament Street
New Delhi - 110001

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04-10-2016

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MINISTRY OF ROAD TRANSPORT AND HIGHWAYS, GOVERNMENT OF INDIA

NATIONAL LEVEL VEHICLE SECURITY AND TRACKING SYSTEM



Outline

- Project Overview
- Current Status

Breidkerroumo - Project Overwien

Project Background

- The CCEA approved the proposal submitted by MoRTH for introduction of National Level Vehicle Security and Tracking System scheme on 21-04-2014.
- Scheme to be implemented in 32 cities (13 States) having population of more than 1 million in the first Phase.

Project Details

- Installation of GPS, Emergency Buttons and CCTV (in buses only) in specified public transport vehicles in India
- Backend Data Centre.
- City Command and Control Centre (Transport & Police) in each city. Act as Control Centre for Transport & Traffic Enforcement Activities
- Panic Button alerts to Integrate with MHA's National Emergency Response System(NERS).

Functionalities of Backend System

- Tracking and monitoring the location of vehicle movement (displaying route/ direction of travel/ date/ time/ speed etc.) in tabular format as well as on a map.
- Provide tracking and monitoring of vehicle movement using history tracking and trail of location updates.
- Provide facility for users to access the pictures frames from the On-Board devices as and when need arises.

Claricality Signatur

Addition	अंधार्थि ।				
Concept Report	Finalised 09.09.2014				
Technology Analysis Report	Finalised 22.12.2014				
Detailed Specification document for GPS	Finalised 27.01.2015 After consultation with stakeholders including device suppliers				
Detailed Specification document for CCTV	Finalised 27.01.2015 After consultation with stakeholders including device suppliers				
Specification documents published on MoRTH website	Since Feb 2015				
Technology Analysis Report Detailed Specification document for GPS Detailed Specification document for CCTV Specification documents published on MoRTH website Draft Detailed Project Report	Submitted on 20.03.2015				
Draft RFP for Backend	Submitted on 22.01.2015				
Consultations with DeiTY and CDAC	Final Feedback received on 25 th Jan 2016.				

Brief of Key Meetings (18.09.2015) at PMO

Meeting (18.09.2015) at PMO

- The requirement of CCTV cameras in commercial buses on the recommendation of the Task Force to be examined by MoRTH and decision on its implementation to be taken up by MoRTH
- MoRTH will modify the rules under MV Act for mandatory provisioning of GPS/Alert Button in commercial vehicles
- The monitoring and follow-up on the alert received from the commercial vehicle, in case
 of distress signal, will be carried out by the Police, for which MHA will take appropriate
 action
- DeitY will look into the requirements of the technology and other aspects of alert button project

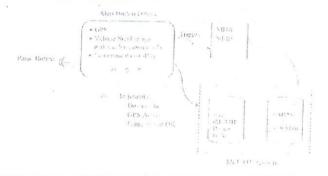
Meeting (23.10.2015) Chaired by Secretary, MoRTH

- CCTV system: ASRTU was asked to obtain the details of model adopted by BEST in Mumbai for implementing the CCTV system in their buses for circulation to all states. (BEST had gone for advertisement driven PPP model with no investment required by BEST)
- Health check and tampering of devices to be dealt with by the MHA backend system.
- CDAC to make available GPS device/alert button specifications to MoRTH

Daily Letter (16.10.2015)

- The device must include the ability to provide geo-location of the vehicle, its registration number, owner/driver details to the control room through GPRS/SMS, once it is activated
- It should be possible for the driver of the bus/ taxi or the passenger to detect the malfunctioning or tampering of the alert device. This should be possible both locally and remotely
- For this a backend system would have to be set up by MoRTH or its designated agency (DeitY suggested schema in next slide)

(Letter received by MoRTH on 23.10.2015)



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- MoRTH plans to issue notification for GPS devices, based on AIS standards
- MoRTH has requested AISC to finalise AIS standards for GPS devices
- AIS-140 will cover the mechanism to devices to connect with the backend system, which will be provisioned by the respective states with following modes:
 - By establishing dedicated Data Centre/ Control Centre
 - By enabling health check of devices and tracking through telecom operators as Value Added Service (VAS)
- AISC panel is working to finalise the standards of GPS devices
- Backend System
 - DeitY has recommended for setting up of the backend by MoRTH in consultation with MHA.
 - MoRTH to decide upon the modalities for setting up of the backend
- DPR: To be updated by DIMTS based on the above.
- Next Steps: Procurement and other activities to be carried out by MoRTH based on above.

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[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

Notification

New Delhi, the

October, 2016

G.S.R......(E) --- Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

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And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- 1. (1) These rules may be called the Central Motor Vehicles (_____Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.
- 2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely.-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, 1988 shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw; and
- (iii) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in subrule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986".

[No.RT-11028/12/2015-MVL]

(Abhay Damle) Joint Secretary to the Government of India.

Note:-	The	princi	pal rules w	ere pu	blished in the	Gazette	of India, E	xtraord	inary, P	art-II.
section	,3, s	ub-sec	ction (i) vi	de not	ification num	ben G.S.	R. 590(E).	dated	the 2 nd	June.
1989	and	last	amended	vide	notification	number	G.S.R		_(E),	

(भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में प्रकाशनार्थ)

भारत सरकार सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, अक्तूबर, 2016

सा.का.नि. , (अ). केंद्रीय मोटरयान अधिनियम, 1988 , (1988 का 59) धारा, 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अविध की समाप्ति से पूर्व आक्षेप अपेर सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे ;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (........संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे ।

- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-
- "125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -
- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे : परंतु यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात् :-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा; और
 - (iii) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का
 - 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थित का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने ऑपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं "।

(सं. आरटी- 11028/12/2015-एमवीएल)

(अभय दमले) संयुक्त संचिव, भारत सरकार

टिप्पण: मूल नियम, भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. (अ), तारीख को संशोधित किए गए ।

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

Notification

G.S.R.....(E) --- Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways, number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- 1. (1) These rules may be called the Central Motor Vehicles (_____Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.
- 2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely.-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, 1988 shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) Three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in subrule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986".

[No.RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended vide notification number G.S.R _____(E), dated

(भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में प्रकाशनार्थ)

1

भारत सरकार सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, नवंबर, 2016

सा.का.नि. (अ). केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे ;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (.......संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे ।

2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे : परंतु यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात :-
 - (i) and n:
 - (i) दुपहिया;
 - (ii) ई-रिक्शा;
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का
 - 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने ऑपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं "।

(सं. आरटी- 11028/12/2015-एमवीएल)

(अभय दमले)

संयुक्त सचिव, भारत सरकार

टिप्पण: मूल नियम, भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. (अ), तारीख को संशोधित किए गए ।



[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

Notification

New Delhi, the November, 2016

G.S.R.....(E) --- Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016, in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—'

- 1. (1) These rules may be called the Central Motor Vehicles (_____Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.
- 2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely.-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, 1988 shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) Three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended, from time to time, till, such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in subrule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986".

[No.RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

Note:	The	princi	pal rules w	ere pu	blished in the	Gazette c	of India, E	xtraord	inary, P	art¦II,
section	1 3, s	ub-se	ction (i) vi	de not	tification num	ber G.S.I	R. 590(E),	, dated	the 2"	June,
1989	and	last	amended	vide	notification	number	G.S.R		(E),	dated

No. RT-11028/12/2015-MVI. Government of India Ministry of Road Transport and Fighways

Trans port Bhawan, 1, Parliament Street,
New Delhi -110001
Dated the 26ThNovember, 2016.

To,

The Manager, Government of India Press, Mayapuri, New Delhi- 110064.

Subject: Request for publication of G.S.R notification regarding G.P.S and emergency buttons on transport vehicles.

Sir.

I am directed to forward herewith draft Notification number RT-11028/12/2015-MVL dated 28th November, 2016 with the request to publish in the Gazette of India, Extraordinary, Part-II, Section 3, Sub-section (i) on priority.

2. Soft copy of the notification is also enclosed. Notifications has been compared with the signed notifications, both are the same.

Encls: As above

Yours faithfully,

(Hans Faj Sharma) Section Officer (MVL) Tel: 011-23715211

Mob.- 9911551266

E-mail: hansrai.rth@nic.in

Sent to press on 28/11/2016 20th Amendment

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (i)]

Government of India Ministry of Road Transport and Highways

Notification

New Delhi, the 28th November, 2016

G.S.R.....(E) --- Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- 1. (1) These rules may be called the Central Motor Vehicles (20 th Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.
- 2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely.-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in subrule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986.".

[No.RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part-II, section 3, sub-section (i) vide notification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended vide notification number G.S.R _____(E), dated

(भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में प्रकाशनार्थ)

भारत सरकार सड़क परिवहन और राजमार्ग मंत्रालय

अधिस्चना

नई दिल्ली, २६ नवंबर, 2016

सा.का.ि. (अ). केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.िन. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अविध की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे ;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अतः, केन्द्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (२००० संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे ।

- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-
- "125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -
- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटने से सन्जित किया जाएगा और फिट किए जाएंगे : परंतु यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात् :-
 - (i) द्पहिया;
 - , (ii) ई-रिक्शा
 - (iii) तिपहिय; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का
 - 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिस्चित नहीं किए जाते हैं
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने ऑपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बी3 ाईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं "।

(सं. आरटी- 11028/12/2015-एमवीएल)

(अभय दामले)

संयुक्त सचिव, भारत सरकार

टिप्पण: मूल नियम, भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. (अ), तारीख को संशोधित किए गए ।

F. No. mm/dd/yyyy-serial no.

Government of India

Ministry of Road Transport & Highways Transport Bhawan, 1, Parliament Street New Delhi-110001

Dated xx April, 2018

"Whereas the Central Government is of the opinion that it is necessary and expedient in the public interest to notify certain instructions/guidelines in respect of provision of vehicle location tracking device and emergency button in specified public service vehicles, with reference to the amendments made in the Central Motor Vehicles Rules, 1989, (CMVR) by the Central Motor Vehicles (Twentieth Amendment) Rules, 2016 notified vide G.S.R. 1095(E) dated 28th November 2016. It, therefore, in exercise of the powers' conferred by the sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), makes the following order to specify such standards, namely-

ORDER

- 1. This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. It shall come into force on the 1st day of April, 2018.

- 3. This Order shall apply to motor vehicles as defined in clause (1) of rule 125 H of Central Motor Vehicles Rules, 1989.
- 4. The overall process for implementation of vehicle location tracking device and emergency Button (xis) shall be as below:
 - a. The VLT device manufacturers will get their devices tested and certified from the testing agencies referred to in rule 126 of the CMVR for compliance to the rule 125 H of CMVR.
 - b. The State/UT will enforce compliance to the rule 125 H of CMVR and check fitment and functional status of the VLT device in the vehicles at the time of issuance of permit, renewal of permit and fitness check of the vehicles.
 - c. The vehicle owners shall have freedom to choose/install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Rule 126 of CMVR, 1989. States shall not place any restrictions on the choice of the vehicle owners by incorporating artificial conditions in the entire process.

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The mechanism to set up the Command & Control Centres with appropriate hardware and applications software, shall be decided by the respective States and Union Territories. They can set up their own backend systems, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 1986 (63 of 1986).

e. The Command & Control Centres will be used to provide interfaces to various stakeholders and systems such as State emergency response centre, the transport department/ RTOs, MoRTH and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State/Union Territory

f. The Command & Control Centre will also provide feed to the Vahan data base with regard to the overs speeding, device health status, so as to create an interface with the RTOs. The Centre will have an interface with the Vahan data base for data transfer.

g. The details of each VLT device (VLT device manufacturer code, device serial number, IMEI number, Icc ID number and other details as specified by the Central Government/State Government) shall be uploaded on the corresponding state/UT backend system by the VLT device manufacturer using its secure authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register the devices along with details of vehicle and permit holder on the corresponding backend systems in real-time. The backend system will update the details of device in the Vahan system against the respective vehicle record.

h. The vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.

- VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the CMVR.
- j. The testing agencies shall upload the details of the VLT devices certified by them by on the Vahan data base. They will also update the status relating to the Conformity of Production on the Vahan data base.
- k. The State/UT shall publish IP address and SMS gateway details of their respective emergency response systems where the VLT devices will send emergency alerts on press of emergency button.

- I. The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles shall configure the IP address and SMS gateway details in the device for sending emergency alerts to the emergency response system of the State/ UT concerned.
- m. The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State/UT's Command and Control centre as well as Vahan platform, as specified in Code of Practice for AIS-140.
- n. VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new vehicles and one year for other vehicles. The device manufacturers or their authorised dealers shall offer the above services for a minimum period of five years from the date of installation of device in a vehicle. The VLT device manufacturers can offer value added services, in addition to the mandatory performance requirements, to the motor vehicle owners as per the mutual agreement. The commercial arrangement between the device manufacturers or their authorised dealers and the motor vehicle owners for the VLT device and its warranty/maintenance services or any other value-added services shall be decided mutually by them.

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[TO BE PUBLISHED IN THE GAZE: TE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)] Government of India Ministry of Road Transport and Highways

NOTIFICATION

New Delhi, the

, 2018

5.0.......Whereas the Central Government is of the opinion that it is necessary and expedient in the public interest to notify certain instructions/guidelines in respect of provision of vehicle location tracking device and emergency button in specified public service vehicles, with reference to the amendments made in the Central Motor Vehicles Rules, 1989 (CMVR) by the Central Motor Vehicles (Twentieth Amendment) Rules, 2016 notified vide G.S.R. 1095(E) dated 28th November 2016. It, therefore, in exercise of the powers conferred by the <u>sub-section (3) of section 109 of Motor Vehicles Act</u>, 1988 (59 of 1988), makes the following order to specify such standards, namely: –

ORDER

- 1. This Order may be called as th∈ Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. It shall come into force on the (1st day of April, 2018.)
- Application. —This Order shall apply to motor vehicles as defined in clause (1) of rule 125 H of Central Motor Vehicles Rules, 1989.
- 4. Process. —The overall approach for implementation of vehicle location tracking device and emergency button (VLT) shall be as below:
 - a. The VLT device manufacturers will get their devices tested and certified from the testing agencies referred to in rule 126 of the CMVR for compliance to the rule 125 H of CMVR.
 - b. The State/UT will enforce compliance to the rule 125 H of CMVR and check fitment and functional status of the VLT device in the vehicles at the time of issuance of permit, renewal of permit and fitness check of the vehicles.
 - c. In order to ensure effective implementation and continued support by the VLT device manufacturers to the permit holders, the States and Union Territories may specify certain additional conditions on VLT device manufacturers such as minimum sales/support network in the respective States and Union Territories, minimum eligibility conditions, additional requirements on VLT device etc.), for becoming eligible to supply and install their devices in vehicles in respective State/UT.
 - d. The permit holders will be required to get the certified VLT device installed in their vehicles from any one of their respective State/UT authorised device manufacturers or their nominated dealers.
 - e. The mechanism to set up the backend system shall be decided by the respective States and Union Territories. They can set up their own backend systems, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications

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- are notified under Bureau of Indian Standards Act, 1986 (63 of 1986) and add any other optional features as they may decide.
- f. For the backend system, any of the following options may be adopted by the States and Union Territories:
 - i. A State/Union Territory may get its own backend system developed, where all the VLT devices will directly send data, or
 - ii. A State/Union Territory (may) get a common application layer developed, where the VLT devices will send limited set of data through device manufacturers' backend systems.

In case of (ii) above, each of the respective State/Union Territory authorised VLT device manufacturer shall need to have its own backend system meeting the minimum requirements specified in Code of Practice for AIS-140 issued by ARA! till Research such time the corresponding Code of Practice for BIS specifications are notified. The device manufacturers shall need to get their backend system applications tested and certified for adherence to the Code of Practice by any one of the agencies as may be specified by Central Government for this purpose.

- g. The State/UT backend systems/common layers will be used to provide interfaces to various stakeholders and systems such as State/Union Territory transport department/ regional transport office officials, MoRTH, device manufacturers and their authorised dealers, testing agencies, permit holders, Vahan system etc.
- h. The details of each VLT device (VLT device manufacturer code, device serial number, IMEI number, IccID number and other details as specified by the Central Government/State Government) shall be uploaded on the corresponding state/UT backend system by the VLT device manufacturer using its secure authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register the devices along with details of vehicle and permit holder on the corresponding backend systems in real-time. The backend system will update the details of device in the Vahan system against the respective vehicle record.
- i. The permit holders will be required to ensure that the VLT devices installed in their vehicles are in good working condition and regularly send required data to the corresponding backend system through cellular connectivity. The permit holders will be able to check the functional status of the VLT devices installed in their vehicles on the corresponding backend system.
- j. In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State/Union Territory.
- k. VLT device manufacturers shall get their devices tested for conformity of production every one year from the date of first certification, from the testing agencies referred to in rule 126 of the CMVR.
- 1. The testing agencies shall provide the details of the VLT devices certified by them to the States/UTs by uploading the same on the States/UTs' backend systems/common layers or any other means.

- m. The testing agencies shall provide the details of the VLT device manufacturers' backend system applications certified by them to the States/UTs by uploading the same on the State/UT common application layers or any other means.
- n. The testing agencies will verify the conformity of production for the VLT device manufacturers as prescribed in Code of Practice for AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 1986 (63 of 1986).
- o. The State/UT shall publish IP address and SMS gateway details of their respective emergency response systems where the VLT devices will send emergency alerts on press of emergency button.
- p. The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the iP address and SMS gateway details in the device for sending emergency alerts to the emergency response system of the State/UT concerned.
- q. The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State/UT's backend system/common layer as specified in Code of Practice for AIS-140.
- varianty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new vehicles and one year for other vehicles. The device manufacturers or their authorised dealers shall offer the above services for a minimum period of five years from the date of installation of device in a vehicle. The commercial arrangement between the device manufacturers or their authorised dealers and the permit holders for the VLT device and its warranty/maintenance services or any other value added services will be decided mutually by them."

[No. RT-11028/02/2013-MVL.]

(Abhay Damle) Joint Secretary to the Government of India.



ALL INDIA MOTOR TRANSPORT CONGRESS

THE APEX ORGANIZATION OF MOTOR TRANSPORT OPERATORS AFFILIATING STATE/REGIONAL ASSOCIATIONS
Official Journal "Motor Transport"

By/RT&H/002/2018-19 April 4, 2018

Sh. Abhay Damle, IRS, Chairman – Standing Committee & Jt. Secretary to Government of India, Ministry of Road Transport & Highways, Transport Bhawan, New Delhi.

Sir

This has reference to the email received from our constituent member M/s Delhi Contract Bus Asso., we have come to know that from April 1, 2018 passenger transport vehicles including taxis and buses are to be mandatorily equipped with GPS devices vide GSR No: 1095 (E) and GSR 478 (E) specified with AIS-140-2016 standard by inserting 125H rules for provision of vehicle location tracking and emergency button.

Many states aren't doing enough to meet the real objectives. Neither the states have put up infrastructure for control room or requisite manpower for track and address such complaints. There is lot of confusion in the above said notification because, this notification doesn't mention the monitoring head or ombudsman department (Law and Order department. Road Transport department or Traffic department or any call centre) to take action on every emergency alert calls. Just installing GPS or panic button do not serve the purpose without proper infrastructure in place.

In many states, the operators do not know where to get these components installed. Due to non-installation of panic buttons, many states have stopped fitness for Buses and Taxis.

Since, we have received the call for election in many states in May 2018, so it is suggested that until the finalization of the above safety measures, we request yourself to keep these rules in abeyance.

We humbly request you to extend the time period for 6 months for rectification of the same by organizing meeting with all transport Association /stakeholders otherwise this new policy would be undue loss, harassment and burden on commercial vehicles owners.

We request your goodself to kindly intervene in the matter and would like to seek suitable time today for appraising your goodself of the ground situation and plausible solution to tide over the unfolding crisis.

Thanking you Yours faithfully

S. K. Mittal President 5/4

Harish Sabharwal
Vice-President (NZ) &
Chairman – Bus Committee



AIM TC <aimtc1936@gmail.com>

Fwd: Regarding implementation of GPRS and PSNIC BUTTON, while obtaining fitness, at Bol, Burari.

1 message

Harish Sabharwal harishsabharwal11@gmail.com
To: AIM TC harishsabharwal11@gmail.com

Wed, Apr 4, 2018 at 4:55 PM

----- Forwarded message -----

From: Harish Sabharwal harishsabharwal11@gmail.com

Date: Wed, 4 Apr 2018, 16:43

Subject: Regarding implementation of GPRS and PSNIC BUTTON, while obtaining fitness, at Bol, Burari.

To: <commtpt@nic.in>

Respected Sir/Madam,

According to a Notification by MoRTH, From April 1, 2018 passenger transport vehicles including taxis and buses are to be mandatorily equipped with GPS PANIC Button devices vide GSR No: 1095 (E) and GSR 478 (E) specified with AlS-140-2016 standard by inserting 125H rules for provision of vehicle location tracking and emergency{Panic} button.

But herein we regret to share, our state government {Delhi thro' it's Transport Depptt.GNCT of Delhi OR DIMTS } has not done enough to meet the real objectives. Neither the state has put up infrastructure for control room nor requisite manpower for tracking and address such complaints, if any, send thro panic button, in particular. There is lot of confusion in the above said notification because, this notification doesn't mention the monitoring head or ombudsman department (Law and Order department, Road Transport department or Traffic department or any call centre) to take action on any/every emergency alert calls.

Just installing panic button do not serve the purpose without proper infrastructure in place, but wrt GPRS, we assure your good office, that almost more than 90% of buses in delhi, are fitted with GPRS by now, and CC permit Buses are tied up with DIMTS, already.

buses are use up with billio, already.

You will appreciate, even, The operators do not know from where to get these components installed. As there has not been a single notification /Public notice published for proper information of operators. But, Due to non-installation of panic button, our Transport deptt has stopped fitness of buses and Taxis, for last two days, resulting into chaos in supply of buses for Delhites {e.g.buses for Schools, office goers n tourists etc}.on roads.

As such, We humbly request your goodself to personally INTERVENE, immediately, in the matter to resolve the issue, and would like to seek suitable time ASAP, for appraising your good self of the ground situation and plausible solution to tide over the unfolding crisis.

In the light of Above, your good self is requested to extend the time period for implementation of this rule, as is being done by other states, for 6 months, at least, for rectification of the same by organizing meeting with all transport Association /stakeholders otherwise this new policy would be a mere undue loss, harassment and burden to commercial vehicles owners.

With Regards
For DELHI CONTRACT BUS ASSOCIATION.(R).
Harish Sabharwal
Gen secy.

9810201111 # 9810571111

Respected Sir/Madam,

According to a Notification by MoRTH, From April 1, 2018 passenger transport vehicles including taxis and buses are to be mandatorily equipped with GPS devices vide GSR No: 1095 (E) and GSR 478 (E) specified with AIS-140-2016 standard by inserting 125H rules for provision of vehicle location tracking and emergency{Panic} button



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 817]

नई दिल्ली, सोमवार, नवम्बर 28, 2016/अग्रहायण 7, 1938

No. 817]

NEW DELHI, MONDAY, NOVEMBER 28, 2016/AGRAHAYANA 7, 1938

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 28 नवंबर, 2016

सा.का.नि. 1095(अ).—केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (200k संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

5479 GI/2016

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे: परंत यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात्:-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा;
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं।
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने ऑपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं"।

[सं. आरटी- 11028/12/2015-एमवीएल]

अभय दामले, संयुक्त सचिव

टिप्पण:— मूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. 1034 (अ), तारीख 02.11.2016 को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 28th November, 2016

G.S.R. 1095(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- 1. (1) These rules may be called the Central Motor Vehicles (Twentieth Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.

2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely,-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers:
- (ii) E-rickshaw;
- (iii) three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in sub-rule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986."

[No.RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

Note:-The principal were published Gazette of India, Extraordinary, section "art-II, sub-section (i) vide notification number G.S.R.590(E), dated the 2nd June, 1989 and last amended vide notification number G.S.R.1034(E) dated the 2nd November, 2016

Lisc of ARAI approved Vehicle Tracking Systems as per AIS 140 as on 04 Apr 2018

Sr. No	Company Name & Contact person	Model Name	Model No/ Part No	Report No & Date	Supported GNSS constellation
1	KPIT Technologies Ltd, Pune vishwajit.joshi@kpit.com	VTS-01-021 & VTS-01-022	VTS-01-021 & VTS-01-022	Report No: ARAI/AED/CT/OC- 1718-8223/1424 Dated: 07-Feb-2018	GPS
2	Accolade Electronics Pvt. Ltd, Pune sunil@accoladeelectronics.com	ACONITS140	AEPL 12 07 01	Report No: ARAI/AED/CT/OC- 1718-9118/1492 Dated: 21-Feb-2018	GPS
3	Pricol Limited rajagopal@pricol.co.in ,	TCU ,	P50-3470-00	Report No: ARAI/AED/CT/OC-1718- 9131/1552 Dated: 05-March-2018	GPS
4	Wabco India Limited sureshgayakwad.j@wabco-auto.com	VTS	346 000 005 0	Report No: ARAI/AED/CT/OC-1718- 9778/1561 Dated: 07-March-2018	GPS
5	Autocop India Pvt. Ltd vivekrane@autocop.in	ITS System TLG-1000	TLG-1000	Report No: ARAI/AED/CT/OC-1718- 10153/1637 Dated: 20-Mar-2018	GPS
6	NIPPON AUDIOTRONIX PVT. LTD amitsharma@nipponaudio.com	Vehicle tracking device	NVT-1820-U	ARAI/AED/CT/OC-1718- 10481/1629 Dated: 19-Mar-2018	GPS
7	NIPPON AUDIOTRONIX PVT. LTD amitsharma@nipponaudio.com	Vehicle tracking device	NVT-1820-T	ARAI/AED/CT/OC-1718- 9462/1648 Dated: 21-Mar-2018	GPS
8	NIPPON AUDIOTRONIX PVT. LTD amitsharma@nipponaudio.com	Vehicle tracking device	NVT-1820-N	ARAI/AED/CT/OC-1718- 10481/1653 Dated: 21-Mar-2018	GPS
9	CE Info Systems Pvt Ltd vishal@mapmyindia.com	Vehicle tracking device	VT 15 AIS/ R04034 ,	ARAI/AED/CT/OC-1718- 8739/1680 Dated: 27-Mar-2018	GPS
10	M/s Trimble Inc. Jayant Wagh jayant wagh@trimble.com		TMSI-17C and TMSI-17D	ARAI/AED/CT/OC-1718- 8547/01 Dated: 03-Apr-2018	GPS

r. No.	Company Name & Contact Person	Model Name	Model No/Part No	Report No & Date	Supported GNSS constellation	
		Cor	nponent Level			
1	iTriangle InfoTech Pvt. Ltd. Mr. Abhishek; abhishek@itriangle.in	aQuila BHARAT101	ITR-BH-0019	CT0GN0035 Dated 31.01.2018	GPS	
2	Minda iConnect Pvt. Ltd. Mr. Srikant ssrikanth@mindagroup.com	A 885 - A 884 A 883 A 882	EL-A404-M01 EL-A403-M01 EL-A402-M01 EL-A401-M01	CTOGN0080 Dated 08.03.2018 CTOGN0084 Dated 10.03.2018 CTOGN0083 Dated 10.03.2018 CTOGN0082 Dated 10.03.2018	GPS	
3	Power Electronics Ms. Anita Pawar; anita.pawar@masstrans.in	G600	PE000VTSG600	CT0GN0094 Dated 20.03.2018	GPS	
4	Rosmerta Autotech Pvt. Ltd. Mr. Ashwani kumar; ashwani.kumar@rosmertaauto.com	VTD-10	RM16-636	CT0GN0125 Dated 30.03.2018	GPS	
		Tes	ting In Progress			
		Cor	mponent Level			
5	GRL Engineers Mr. Rahul Singhal; Testing In progress rahul@grlengineers.net				GPS	
6	TEDI India Pvt. Ltd. Mr. Subramanian Potty; rahul@grlengineers.net	9	Testing In	progress) GPS	
7	Volty IT Solutions Private Limited Mr. Konark; konark@voltyit.com		GPS			
		1	/ehicle Level			
1	Minda iConnect Pvt. Ltd. Mr. Srikant ssrikanth@mindagroup.com		Testing In Progress			
2	SML ISUZU Limited Mr.Mohit; mohit.gupta@smlisuzu.com		Testing In progress			

प्रगत संगणन विकास केंद्र CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

भारत सरकार, इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय का आर एवं डी संगठन Organization of the Ministry of Electronics and Information Technology, Government of India



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CDAC/HSTG/2018/455

5 April 2018

The Joint Secretary
Ministry of Road Transport and Highways
Transport Bhavan, 1 Parliament Street
New Delhi - 110001

Sir,

Sub: Proposal for customisation, deployment and management of State-wise Vehicle Tracking Platform for Safety & Enforcement with AIS 140 specifications.

C-DAC has developed the software for tracking public transport vehicles for safety and enforcement, complying with AIS 140 specifications. As per MORTH notification, it is mandatory for all notified public service vehicles to install Vehicle location tracking devices complying with AIS 140 specification by 1st April 2018.

C-DAC was asked to submit a proposal for customising the application, deploying and managing the Vehicle tracking system for safety and enforcement for different States. Based on the discussions we had with you on 4th April 2018, we are happy to submit the revised proposal for state-wise implementation of Vehicle tracking for safety and enforcement application. As discussed, we have listed the roles and responsibilities of MORTH, State/UT and C-DAC. We have also given a single integrated cost for the project, which also includes the cost for our implementation partner (Delhi Integrated Multi-modal Transit System Ltd).

The proposal is in line with the state-wise solution for National Emergency Response System (NERS) of Ministry of Home Affairs, which has been entrusted with C-DAC Trivandrum for development and implementation.

We do hope that the attached Proposal meets the requirements of MORTH. We would be happy to provide any clarifications regarding the proposal. We look forward for kind approval of the project proposal.

Thanking You,

Sincerely Yours

Sasi PM

Senior Director and Group Head (HSTG)

Dir Emire) Sch

AIS-140 based Vehicle Tracking Platform for Safety and Enforcement (States/UTs Implementation)



Submitted to

Ministry of Road Transport & Highways
Government of India

Ву

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC)

(A Scientific Society of Ministry of Electronics and IT (Merty), Government of India)
P.B.NO.6520, Vellayambalam, Thiruvananthapuram - 695033
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April 2018



Document Proposal for AIS-140 based Vehicle Tracking Platform for Safety and Enforcement Doc. Name: (States/UTs Implementation) AIS 140 based Vehicle Tracking Platform for Safety and Enforcement (States/UTs Project: Implementation) Health and Software Technology Section/ Doc No .: DPP/HS/999/62 Group (HSTG) Group Copy No: Controlled **Control Status**

Approving authority:	Sasi P. M. Senior Director & Group Head, HSTG, C-DAC	Issuing authority	Dr. Alexander G. Associate Director, HSTG, C-DAG
For	any clarifications/ corrections/ amendments in this doc	ument please	contact Issuing Authority

			Amendment	History		
Issue No	Rev. No	Effective From(Date)	Reason for Re-issue	Total Doc. Pages	Signature of the approving authority	Date of Approval
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Abbreviations Used				
Abbreviation	Expansion			
DB	Database			
DR	Disaster Recovery			
GIS	Geographic Information System			
GPRS	General Packet Radio Service			
GPS	Global Positioning System			
ICT	Information and Communication Technologies			
KMVD)	Kerala Motor Vehicles Department			
MoRTH	Ministry of Road Transport and Highways			
MVD	Motor Vehicle Department			
POI	Point of Interest			
RTO	Regional Transport Office/Officer			
SAN	Storage Area Network			
SDC	State Data Center			
SIM	Subscriber Identity Module			
SMS	Short Message Service			
SRS	Software Requirement Specifications			
VLT	Vehicle Location Tracking device			

EXECUTIVE SUMMARY

This proposal has been prepared based on the discussions and interactions C-DAC had with Ministry of Road Transport & Highways (MoRTH), for providing a platform for enhancing the safety of passengers and enforcement by implementing vehicle tracking system and emergency button in all mandated public transport vehicles in accordance with the MORTH notification dated 28th November 2016. The proposal covers the techno-commercial details of the software product "Suraksha Mitr", including customization, integration, deployment and providing associated project management and consultancy services to States for implementation of AIS-140 in-line with the said notification.

"Suraksha Mitr" is a highly scalable, comprehensive tracking solution designed exclusively for enhancing safety and enforcement. The system has the capability of handling lakhs of vehicles and is compatible with the AIS-140 standards published by ARAI and MoRTH. "Suraksha Mitr" can be rollout in all States/UTs with the required minimal customizations and can be deployed in any public cloud or State Data Centers. Some of the common challenges like tracking of Interstate transit, national level data consolidations etc. can be addressed with the proposed solution. Based on the discussion with MoRTH, C-DAC is pleased to submit this proposal in-line with the MoRTH notification.

For the purpose of planning and estimation, the 36 States / UTs have been categorized into 4 tiers, based on the number of vehicles covered by the notification and the geographical area. The cost estimation for each State includes the product cost, hosting charges in public cloud for one year, Map Services, Control Room, Training and Overall Project Management & Support. State specific requirements in addition to the AIS-140 standards and its customization will be taken up at the time of interaction with the States/UTs. O & M charges for maintaining the system for two years is also estimated in this proposal. This is a common proposal being submitted to MoRTH for implementation of the AIS-140 based Vehicle tracking system in all the States/UTs. If the States/UTs require independent proposals, these will be submitted to States/UTs as and when required.



1. INTRODUCTION

Ministry of Road Transport & Highways (MoRTH), Government of India is the principal agency for formulating and administering policies for Road Transport, National Highways and Transport Research. MORTH has notified for the installation of tracking devices and emergency buttons in specified transport vehicles (public service vehicles other than auto-rickshaws and two-wheelers) and is made mandatory as per AIS-140 specifications. The proposed system is for enabling the tracking of vehicles of States mandated by the AIS-140 specification. This will enhance the safety and enforcement purpose which is the sole requirement of state enforcement authorities and MORTH.

2. PROJECT BACKGROUND & CONTEXT

MORTH has issued a notification dated 28th November 2016, mandating specified public service vehicles to be equipped with or fitted with a vehicle location tracking device with one or more emergency buttons. The specifications, testing and certification of the vehicle location tracking device and emergency button(s) are required to be in accordance with AIS-140, as amended from time to time. These devices shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140, as amended from time to time.

C-DAC has implemented a similar system for the Motor Vehicles Department of Kerala (KMVD) which is in the final stage of implementation and involves a vehicle tracking platform for enforcement and safety. This initiative was taken up as part of the smart enforcement and road safety, and is inline with the specifications contained in the notification by MoRTH. C-DAC has been entrusted with the design and implementation of the system. A pilot implementation of the project commenced in 2016 with the tracking of enforcement vehicles during the festive season at Sabarimala and is still operational.

The tracking platform developed for KMVD gained acceptance in the High Power Committee meeting of State Ministers held at Bengaluru on 20th May 2016. Based on this a Parliamentary Committee visited the Master Control Room setup as part of this project, evaluated the system and recommended the same for replication to other states in India. Meanwhile MoRTH published the AIS-140 standard specification for Vehicle Location Tracking (VLT) unit to be fitted in all public transport vehicles under automotive industry standard (AIS-140). C-DAC contributed to the specifications, mainly on the software and interface specifications, from the Kerala experience. During the AISC meeting on 1st March 2018, on the meeting with MORTH, C-DAC was asked to submit a proposal for AIS-140 based Vehicle tracking system for state-wise implementation.

This is a common proposal being submitted to MoRTH for implementation of the AIS-140 based Vehicle tracking system in all the States/UTs. If the States/UTs require independent proposals, these will be submitted to States/UTs as and when required.

3. FEATURES OF THE SYSTEM

The main features of the vehicle tracking and monitoring system envisaged are classified into:



Real-time Tracking

The real-time tracking will provide the users with options to track online location of vehicles on the map, display status information about vehicle, and a play back option to view the route travelled by a vehicle earlier on the map.

Control Rooms

The control rooms will enable real-time monitoring, quick response to alerts and enforcement assistance.

Map Platform

Map view in the proposed system uses map platform with APIs developed by C-DAC. It also has option to use platform & APIs provided by any map service provider. The real-time location of the vehicles will be plotted on the map. The various functionalities required in the map platform are

- o Real-time Plotting
- o Points of Interest(POI)
- o Geo-fencing
- o Control Room Tools
- o Track & Trip View
- Multi filter options

Alerts & Messages

The system will generate various alerts on over-speeding, restricted-area violation, route violation (if route details are provided) etc automatically. Based on these alerts MVD can respond quickly and take necessary actions. The various alerts to be generated are

- o Fleet specific alerts
- Speed violation alerts
- o Geo-fence alerts
- o VLT tampering alerts

Web Interface for Vehicle Owners

It is proposed to provide an interface to the vehicle owners, by which they can track their vehicles.

Web Interface for VLT vendors for tagging

Tagging is the process of installing the VLT in a vehicle and associating it with the software system. According to the proposed implementation plan, the initial tagging of the vehicle is done by the VLT vendors. So the software should provide necessary interface to the VLT vendors for this operation. The tagged vehicle will be verified and approved by the concerned RTO at a later stage.

Reports



The system should provide the state Transport Department with options for generating various reports like alerts report, speed violation report, time violation report, G ran violation report, fleet summary reports.

Integration with Legacy Systems

Vahan/SmartMove software of Motor Vehicles Department is used for management of some of the services provided by Transport Department to the public. The proposed system shall be integrated with Vahan or other legacy systems running in the concerned state for getting vehicle registration details, better presentation of vehicles in the map, automatic generation of charge memos etc.

Data Archival

The data size will increase dramatically over time. Hence the data identified as old based on archival policy should be moved and stored in separate storage device for long-term retention.

Access Control System

To limit the data access by various stakeholders in the system, a role based access shall be provided.

4. OVERALL APPROACH

The overall approach for implementation of vehicle tracking system based on AIS-140 is proposed as below:

- a. As per provisions of AIS-140, the mechanism to set up the backend system shall be decided by the respective states and union territories. They can set up their own backend systems, meeting the provisions as listed in AIS-140 and add any other optional features as they may decide.
- b. The States/UTs may prescribe certain conditions for device vendors to supply and install the VLT in their respective State/UT such as minimum eligibility requirements, additional requirements over and above AIS-140, minimum sales/support network in the State/UT etc.). The state may do an evaluation process to ensure minimum eligibility requirements which may be an ongoing process or may be repeated periodically.
- c. There are expected to be multiple tracking device vendors, who will get their devices tested and certified from the notified test agencies for compliance to the AIS-140 requirements.
- d. The permit holders will be required to get the vehicle tracking device and emergency button(s) installed from any one of the empanelled device vendors. The State/UT will enforce fitment/functional status of device at the time of permit issuance/ renewal and fitness check of the vehicle.
- e. The State/UT backend system will be used to provide interfaces to various stakeholders/systems such as State/UT transport department/RTO officials, device suppliers,



test agencies, permit holders, Vahan system etc. However, in case of press of an emergency button, the vehicle tracking device will send data directly to the emergency response system of the State/UT.

In accordance with the above approach, C-DAC along with DIMTS propose to support States/UTs in implementation of vehicle location tracking system as per AIS-140 through the following:

- Development and deploying the backend system
- Hosting of the backend system
- Setting up of a Control Room at a location provided by State/UT
- Carrying out empanelment process for device manufacturers
- Training the Transport Department and RTO officials
- Project Management during implementation and operations phase

5. ROLES AND RESPONSIBILITIES

5.1 ROLES AND RESPONSIBILITIES OF MORTH

- Publishing the certified VLT models
- Standardization of Protocols for the certified models
- Supporting the States/UTs by providing standard guidelines and instructions
- Provide funding support to States/UTs for implementing the system
- Provide support for the integration of Vahan application of NIC

5.2 Roles and Responsibilities of State/UTs

- Amendment of Policy & rules as required for implementing the system
- Empanelling AIS-140 VLT models meeting the State-specific requirements, if any.
- Providing necessary Physical space (at least 500 sq. feets), furnishing and infrastructure for setting up of Central Control Centre
- Electrical Power and Air Conditioning (AC optional)
- Arrangements for training of officials including venue
- Identify & depute a team of officials to support implementation
- Verifying the tagging process of vehicles at the time of Certification of Fitness test
- Providing necessary support to C-DAC for integrating the application with the existing legacy systems, if any
- Connectivity between RTOs, State Data Centre and Central Control Room
- Take over the System after Implementation
- Give Annual Maintenance Contract to C-DAC, hardware Vendors and Service Providers, if required

5.3 ROLES AND RESPONSIBILITIES OF C-DAC



- Customise the tracking and enforcement application based on State/UT's specific requirements
- Integration with Vahan Application
- Sizing of State Level Data Centre hardware / Cloud Hosting
- Procuring/Providing Map Platform with data and its Integration
- Maintenance of Public Cloud where application is hosted
- Maintenance of Map services for the State/UT
- Deployment of Application Software
- Overall Project Monitoring & Management including identification of issues in advance, proposing suitable solutions and ensuring smooth execution.
- Coordinate with various stakeholders (State/UT Transport Department and device suppliers) during the project implementation.
- Provide training to State/UT Transport department, RTO officials for using the System.
- Provide training to VLT vendors for tagging the device using the System.
- Setting up of Control Room/ Centre
- Setting up of Helpdesk and supporting the System.

6. System Architecture & Description

The proposed Vehicle Tracking System consists of a Vehicle Location Tracking (VLT) Device meeting the specifications of AIS-140, mounted in the vehicle, which will send the vehicle location and other data to the Backend System at specified frequency. The Transport Department officials will be able to access the system and monitor the data at the control room. The system will be a web-based system so that the RTO officials and other users will be able to use the system on their computers. In case of press of emergency button, the VLT device will send data directly to the state/UT emergency response system. The system will be deployed as an interactive browser based web application which can be accessed from any location by the users (State Transport Department/RTO officials, Enforcement Staff, Emergency Response Staff, Vehicle Owners, and Vendors) based on their roles and privileges defined by the system. System will also offer a mobile interface for accessing the application mainly for viewing the status.

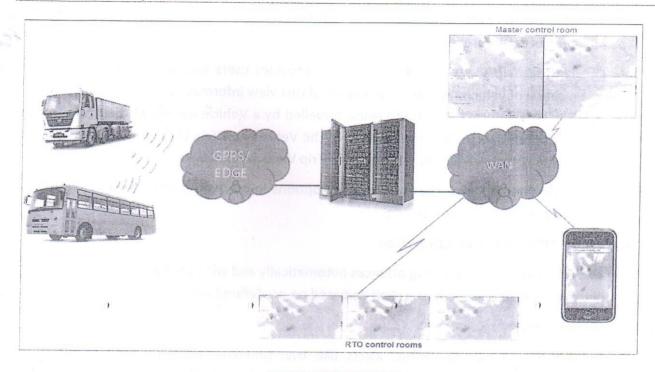


FIGURE 1: SYSTEM ARCHITECTURE

6.1 FUNCTIONAL REQUIREMENTS

The system will provide the following indicative functionalities which will be mutually finalized in consultation with the State/UT concerned:

Real-time Tracking

The real-time tracking will enable users to track location of vehicles on the map, get status information about vehicle, and for a play back option on the map to view the path travelled by a vehicle earlier.

Map Platform

The real-time location of the vehicles will be depicted on the GIS map of the State/UT. The various functionalities of the map platform will be:

Real-time Plotting: The real-time location of a single/multiple vehicle(s) shall be plotted and updated on the map. Clustered view of vehicles shall be provided to view large number of vehicles.

Points of Interest(POI): User(admin level) will be given options to add/edit/delete points of interest. POI will be shown to users in the map view.

Geo-fencing: Geo-fence is a predefined set of boundaries marked on a map layer to mark specific zones such as school zone, hospital zone etc. User (admin level) will be given options to add/edit/delete geo-fence.



Map Based Tools: Different map based tools tike Zoom and Pan will be integrated in the control room screens.

Track & Trip View: The tracking screen provides users with options to track online the location of vehicles on the map, display status view information about vehicle, and display Trip View information on the route travelled by a Vehicle earlier on the map. The online option displays the current location of the Vehicle and Trip View displays the route taken by the Vehicle earlier. Both Online and Trip View can be viewed as Map View.

Multi filter options: User will be given options to track vehicles by their category, speed, location, Vehicle number, etc.

Automated Offence & Alerts Detection

The system is capable of detecting offences automatically and will generate alerts accordingly. The offence detection and alert routing shall be based on predefined policies.

Alerts & Messages

The system shall generate various alerts like over-speeding, restricted-area violation, route violation (if route details are available) etc. Based on these alerts, Transport Department can respond quickly and take necessary actions. The various alerts to be generated are

Emergency Alerts: This alert is raised when a passenger or crew in a vehicle presses the emergency button in need of immediate aid or assistance. This alert will be routed to the emergency response system and to the backend system. Alerts will be highlighted in the control rooms. This is the highest priority alert.

Speed violation alerts: Identifies the vehicle moving at a speed greater than the allowed speed limit and to passes the vehicle information to the nearest enforcement unit.

Geo-fence alerts: The application provides facility to geo-fence an area on the map. Geo-fence can be either done based on an area or based on a specific Point of Interest. The route travelled by the vehicle can also be geo-fenced to receive alerts on any route violations from the actual route.

- Geo-fence POI (Point)
- Geo-fence Place (Area)
- Geo-fence Route

Geo-fence Alerts can be configured to track vehicles entering the geo-fence area, going out of the geo-fence area or for both the instances.

VLT device tampering alerts: VLT device will send information to the server if its power cable gets disconnected or if it gets tampered. Application will record an alert after verifying the information.

Web Interface for Vehicle Owners

Vehicle owner will be provided interface to the software has, through which they can track their vehicles.



Web Interface for VLT device vendors for tagging

Tagging is the process of installing the VLT device in a vehicle and associating it with the software system. The initial tagging of the vehicle is done by the VLT device vendors through their registered agencies/ franchisees. The software will provide necessary interface to the VLT device vendors for this operation. The tagged vehicle will be verified and approved by the concerned RTO at the time of fitness check or as decided by the department.

Reports

The system shall provide the Transport Department with options for generating various reports like device installation report, device uptime report, number and type of alerts, route report, distance report, speed violation report, fleet summary report and alert reports.

Integration with Vahan

The proposed system shall be integrated with Vahan for registering VLT device against corresponding vehicle details, functional status of VLT device etc.

Data Archival

The data size will increase exponentially over time. Hence the data identified as old based on archival policy would be moved and stored in separate storage device for long-term retention.

Access Control System

C-DAC proposes a secured intranet/ internet authentication mechanism, that would be further categorized for each Transport Department user to authenticate through user name and password mechanism. After successful authentication, the portal will display personalised homepage and implement Role-Based-Access (RBA) controls and provide access to the applications / activities required to fulfill user's role. Access history containing access date and time for logins, both successful and unsuccessful, will be maintained.

Control Rooms

The control rooms will enable real-time monitoring, quick response to alerts and enforcement assistance.

6.2 Non-Functional Requirements

System Scalability

Application Scalability is the ability of an application to handle increased processing demand without requiring architectural changes.

- o The system should be scalable.
- o Scalability should be achieved mainly by hardware scaling.

The application will be designed in a way that it can be made scalable to handle increased user demand in the future, within defined limits.

Some of the approaches normally used to make the system scalable are :



- 1. Service Oriented Architecture (SOA)
- 2. Scalable Hardware
- 3. Scalable SAN boxes for storage
- 4. Load Balancers
- 5. Server Pooling
- 6. Cloud Based Deployment.
- 7. Suitable Data Management.

Caching

Caching is the mechanism for the temporary storage of web data to increase performance of the application flow. Cache stores and copies data passing through it; subsequent requests may be served from the Cache, if certain conditions are met. The proposed system handles huge volume of data and need real time performance and hence high end caching is recommended.

Security

Role based access control of users should be provided. Every data packet should be checked for data loss. Encryption should be properly chosen to avoid any performance degradation.

A separate layer of Web Server is proposed to meet the estimated volume of concurrent requests.

6.3 DEPLOYMENT MODEL

The tracking platform is proposed to be hosted at State data centre (SDC) identified by the respective State/UT or in a Public Cloud service. In case of SDC, all servers, storage spaces and a redundant ISPN connection shall be provided by the State/UT. All other infrastructure facilities like power, cooling, network, back-up facilities, firewall, load balancer etc. shall be provided by the state data centre or cloud service provider. The backbone connectivity with dedicated data bandwidth will be the responsibility of the state.



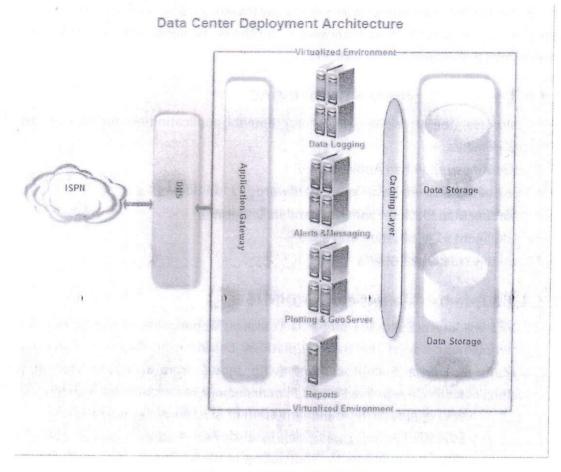


FIGURE 2: DEPLOYMENT ARCHITECTURE

7. Scope of Services

The scope of the services shall consist of the following:

- Development/Customization of backend application software
- Providing Map Platform with data and its Integration
- Testing and Integration
- Deployment of Application Software
- Sizing of State Level Data Centre hardware / Cloud Hosting
- Setting up of Transport Department Control Room
- Empanelment of device vendors (initial and ongoing/repeated)
- Train the department users
- Mapping of VLT devices installed by empanelled VLT device suppliers
- Providing Help desk support
- Overall project management during implementation and operation

7.1 IMPLEMENTATION PHASE

C-DAC has developed the tracking and enforcement system compliant to AIS 140 specifications published by MoRTH and is capable for handling lakhs of vehicles. It has the integration facilities



with any Standards-based map provider, Vahan software, SMS interfaces etc. Delhi Integrated Multi Modal Transit System (DIMTS) is proposed to be the implementation partner for C-DAC bas an MoU signed between C-DAC and DIMTS.

7.1.1 ROLES AND RESPONSIBILITIES OF C-DAC

- Customise the tracking and enforcement application based on State/UT specific requirements
- Integration with Vahan Application
- Sizing of State Level Data Centre hardware / Cloud Hosting
- Procuring Map Platform with data and its Integration
- Deployment of Application Software
- Train the Trainers of DIMTS

7.1.2 ROLES AND RESPONSIBILITIES OF DIMTS

- DIMTS will interact with the State/UT Transport Department to finalize the overall approach
 for implementation of the tracking platform based on AIS-140 in the State/UT. DIMTS will
 prepare a Project Plan document (with inputs from C-DAC related to the backend
 system/common layer). The Project Plan document will include the following:
 - Overall approach for implementation of AIS-140 in the State/UT
 - Methodology for shortlisting the device suppliers (as State/UT may impose additional conditions for shortlisting of device suppliers such as minimum eligibility requirements, minimum sales/support network in the State/UT, etc.) as needed.
 - Methodology for management of device suppliers and monitoring their performance
 - Approach for backend system/common layer, hosting and control centre
 - Broad functionalities for various stakeholders (State/UT, permit holders, device suppliers)
 - Approach for training to State/UT officials (including RTOs/ARTOs, etc.)
 - Timelines for implementation
- Interact with State/UT Transport Department and prepare the empanelment document for shortlisting of device vendors and assist the State/UT in conducting the empanelment process.
- Provide inputs to C-DAC for preparation of the FRS/SRS document.
- Overall Project Monitoring & Management including identification of issues in advance, proposing suitable solutions and ensuring smooth execution.
- Coordinate with various stakeholders (State/UT Transport Department and device suppliers) during the project implementation.
- Provide training to State/UT Transport department, RTO officials for using the System.
- Provide training to VLT vendors for tagging the device using the System.
- Setting up of Control Room/ Centre
- Setting up of Helpdesk and supporting the System.



7.2 SOFTWARE DEVELOPMENT

C-DAC has developed a system compliant with AIS 140 specifications for tracking of vehicles. State specific customisation required for the software will be undertaken before implementation. The system has various options for the map platform which can be decided by the State at the time of implementation. The options includes C-DAC owned map platform, Openstreet Map and other open source maps with suitable APIs that are integrated with the software. The software will be customized to meet the specific requirements of the department. The application will be highly scalable considering the large number of vehicles to be tracked as per the notification of MORTH. The scope of customization will be decided during the requirement study and will be detailed in System Requirement Specifications for the State.

7.3 DATA CENTRE SETUP (IN CASE OF SDC DEPLOYMENT)

Design and implementation of State Level SDC hardware if so decided by the State/UT, will be done based on the number of vehicles to be tracked. The costing in the proposed system is for cloud hosting. Additional fund is required for physical server hosting at data centre if cloud hosting is not opted by states.

7.4 CONTROL ROOM SETUP

A Control Centre/Room will setup at State/UT Transport Department Head Office. As part of this, DIMTS will supply the following:

- Video wall (one set of 55 inches LED, 2x2 matrix)
- Desktop computers with operating system, Microsoft Office and UPS
- Multi-functional printer: 1 No.
- Local Area Networking

The State/UT Transport Department will provide one room for setting up the control centre along with air-conditioning, civil/electrical works, furniture, electricity, backup, etc.

7.5 TESTING AND INTEGRATION

This includes integration of different software modules and Overall System Integration. This also includes testing of hardware, testing of control room functionalities, testing of GIS plotting services etc.

7.6 VLT INSTALLATION & TAGGING

The tracking device installed in a vehicle is to be mapped to the vehicle and registered in the software, which is called tagging. The tracking application has to be integrated with the existing application (Vahan) for the tagging process. The tracking application will provide a User Interface to the selected VLT vendors to tag VLT to a vehicle. The steps involved are

- 1. Publishing of empanelled VLTs, if required by Transport Department
- 2. Vehicle Owner to procure and install VLT from empanelled Vendors
- 3. Vendor to upload VLT/vehicle details to the application for tagging purpose
- 4. Vehicle Owner applies for VLT registration at the concerned RTO



5. MVI approves VLT registration process after necessary verification

7.7 HELP DESK

Helpdesk facility will be provided supporting the department officials and VLT device Vendors. Role based training will be provided to selected team for handling the application and for monitoring purpose. DIMTS will deploy a dedicated team at State headquarters.

8. INTEGRATION WITH OTHER SYSTEMS

The system will be customized based on the requirements of the State/UT, which will be included in the Agreement & SRS. The major integration requirements will be

- Integration with the Map
- Vahan
- Control Room

The recommended interface for integration is REST based web services.

9. WORKFLOW DESIGN AND RE-ENGINEERING

Vehicle tracking and enforcement system requires various steps for effective implementation. The major activities involved in the process are:

- Publishing of Empanelled VLT models and Vendors
- VLT Procurement by Vehicle owners
- VLT Tagging by Vendors/Dealers
- Tagging verification and approval by MVIs / AMVIs
- Monitoring at Control room
- System Administration
- Alert escalation

Workflows are to be designed and implemented for each activity to minimise the work load on department officials and vehicle owners. Some of the existing activities like vehicle testing for fitness may have to be re-engineered to accommodate new system. Workflow design and reengineering require extensive support from department and should be carefully designed to minimize effort and loopholes.

10. CAPACITY BUILDING

Key stakeholders like Transport department and vendors would require extensive training for getting accustomed to the system. Depending on the roles in the system the training requirements will vary. C-DAC will train the Master trainers of DIMTS who inturn will provide training to State/UT Transport Department and RTO/ARTO officials for using the system. The training will be provided at Transport Department Headquarters.



11. OPERATION & MAINTENANCE

The proposal provides for Operations and Maintenance of the system for 3 years. Further extension of O&M may be provided on mutually agreed terms and conditions.

11.1 RESPONSIBILITIES OF C-DAC

- Provide support for the software deployed for tracking and enforcement
- Maintenance of Public Cloud where application is hosted
- Maintenance of Map services for the State

11.2 RESPONSIBILITIES OF DIMTS

- Coordinate with various stakeholders (State/UT Transport Department, device suppliers and their dealers, test agencies, SIM suppliers, etc.) and assist in resolving issues/challenges in implementation.
- Monitor & Manage implementation of AIS-140 in the State/UT and assist Transport Department for its smooth/expeditious implementation.
 - Monitor performance of the device suppliers.
- Provide activation support and assist in resolving activation related issues (such as wrong IMEI number input, data not received, etc.).
- Provide L1/L2 support on the backend application and its integration with device suppliers.
- Operate a telephone/email helpdesk (16 hours, 6 days a week) for support to Transport Department/RTO/ARTO officials, device suppliers, permit-holders and other stakeholders, as required.
- Assist Transport Department in evaluation of any further empanelment applications received, in case of ongoing/repeated empanelment.
- Undertake AMC of all the equipment supplied by DIMTS.
- Overall Project Management for smooth implementation.
- Deploy dedicated manpower for operations including for helpdesk support as below

Manpower/Desktops in Control Centre

State/ UT Category	No. of Desktop Computers in Control Centre	Dedicated manpower in Control Centre during O&M Phase			
		Sr. Resourçe (BE/MCA with 6-9 years' experience)	Jr. Resource (BE/MCA with 3-6 years' exp.)	Tech Support Resource (3-6 years' exp.)	
Category A	10	1	2	6	
Category B	7	1	1	4	
Category C	6	1	1	3	
Category D	6	1	1	3	



Recurring cost

The recurring cost envisaged as part of the system which needs budget provisioning after the AMC period are listed below. This provision is to help the Transport department to plan accordingly.

- Public cloud renewal charges (if Application is hosted on Cloud)
- Connectivity charges for SDC (if the application is hosted in SDC)
- Connectivity & Maintenance charges for control rooms
- · Charges for maintaining help desk facility
- AMC for the application software and hardware
- · AMC for Map data update

Vehicle owners also have to maintain the data plan for VLT device for continuous connectivity.

12. PROJECT SCHEDULE

The Implementation of the project will be based on the State/UT specific requirements. The States/UTs will need to issue letter of award/enter into agreement to C-DAC for it commence work.

In the meantime, States can approve/ verify the suppliers/ installation agencies from the list of VLT models empanelled by MoRTH. Transport departments have to identify and prioritise the list of public transport vehicles to be fitted with VLT devices. State has to notify vehicle owners to install VLT device from the State entrusted Vendors / Suppliers.

Once these vehicles are fitted with VLT devices, the concerned MVI can verify the tagging process and certify the vehicle for tracking purpose.

C-DAC/DIMTS will provide support for one year. Optional extended Warranty support is also mentioned in the proposal for two years. Detailed plan and schedule for project roll out will be worked out in discussions and consultantion with the State/UT.

13. COST ESTIMATE

The States/UTs have been grouped into 4 categories. The cost estimation is done based on the categorisation of States/ UTs public transport vehicle population and the geographical area of the State. A total of 36 States/UTs are grouped into 4 categories. Maharashtra is found to have the highest number of public transport vehicles (around 23.40 lakhs as on March 2015 data). It is decided to host the application in public cloud so that, as the number of vehicles increases, hardware sizing has to be scaled. Cost estimate for navigation based Map and its hosting in public cloud are also taken independently for each State from the leading Map vendor Maymylndia. The software product cost along with customisation are taken for the States/UTs based on the categorisation. All activities are planned to be completed in one year.

Costing arrived here is indicative and may vary based on factors like hosting, number of passenger transport vehicles, selection of navigation map for plotting of vehicles etc, which can be finalised



after interactions with States. The underlying costing is for Public Passenger Transport Vehicles and costing may have to increase, when new category of Vehicles are added to the Vehicle Tracking System. The System is scalable to add any category of Vehicles

The States/UTs are grouped into 4 categories and indicative costing for each specific has been provided as under:

State/UT Category	Implementation & Support Charges – Year 1 (Rs in lakhs)	O & M Charges - Year 2 (Rs in lakhs)	O & M Charges - Year 3 (Rs in lakhs)
Category A	945.01	585.00	611.62
Category B	699.23	367.76	390.14
Category C	499.59	208.71	226.85
Category D	452.72	177.17	194.28

The approximate Cost estimate for all States/UTs are

	No. of the same of		r all States/UTs (R		
Category	Number of States/UTs	Implementation & Support Charges – Year 1 (Rs in lakhs)	O & M Charges - Year 2 (Rs in lakhs)	O & M Charges - Year 3 (Rs in lakhs)	Total
А	6	5,670.05	3,510.01	3,669.70	12,849.76
В	12	8,390.75	4,413.10	4,681.66	17,485.50
С	12	5,995.05	2,504.50	2,722.23	11,221.78
D	6	2,716.34	1,063.03	1,165.69	4,945.05
	36	22,772.18	11,490.63	12,239.28	46,502.09

Applicable taxes including GST will be extra (Present rate 18%)



List of States/UTs which comes under each Category

Sl. No.	Category	States
1		Maharashtra
2		Tamil Nadu
3	А	Gujarat
4	A	Karnataka
5		Kerala
6		Andhra Pradesh
7		Telangana
8		Uttar Pradesh
9		Rajasthan
10		Madhya Pradesh
1,1		Bihar,
. 12		West Bengal
13	В	Haryana
14		Odisha
15		Assam
16		Punjab
17		Chhattisgarh
18		Jharkhand
19		Delhi
20		Jammu & Kashmir
21		Uttarakhand
22		Himachal Pradesh
23		Meghalaya
24		Tripura
25	C	Goa
26		Nagaland
27		Manipur
28		Mizoram
29		Sikkim
30		Arunachal Pradesh
31	1	Puducherry
32		Chandigarh
33		Dadra & Nagar Haveli
34		Daman & Diu
35	-	Andaman & Nicobar Islands
36		Lakshadweep



14. PAYMENT TERMS

50% of the total cost for each State/UT is to be released along with the signing of agreement/award of work to C-DAC. Milestones will be defined at the time of agreement and balance payments will be based on major milestones. This may be based on the submission of SRS document, Hosting of application in servers (data centre or public cloud) and the completion of pilot implementation (if any). For the O &M period, the quoted amount has to be paid in advance on half yearly basis.

15. PROPOSAL VALIDITY

The proposal is valid for 3 months.



ANNEXURE 1

ROLES AND RESPONSIBILITIES OF STAKEHOLDERS

ROLES AND RESPONSIBILITIES OF MORTH

- Publishing the certified VLT models
- Standardization of Protocols for the certified models
- Supporting the States/UTs by providing standard guidelines and instructions
- Provide funding support to States/UTs for implementing the system
- Provide support for the integration of Vahan application of NIC

ROLES AND RESPONSIBILITIES OF STATE/UTS

- Amendment of Policy & rules as required for implementing the system
- Empanelling AIS-140 VLT models meeting the State-specific requirements, if any.
- Providing necessary Physical space (at least 500 sq. feets), furnishing and infrastructure for setting up of Central Control Centre
- Electrical Power and Air Conditioning (AC optional)
- Arrangements for training of officials including venue
- Identify & depute a team of officials to support implementation
- Verifying the tagging process of vehicles at the time of Certification of Fitness test
- Providing necessary support to C-DAC for integrating the application with the existing legacy systems, if any
- Connectivity between RTOs, State Data Centre and Central Control Room
- Take over the System after Implementation
- Give Annual Maintenance Contract to C-DAC, hardware Vendors and Service Providers, if required

ROLES AND RESPONSIBILITIES OF C-DAC

- Customise the tracking and enforcement application based on State/UT's specific requirements
- Integration with Vahan Application
- Sizing of State Level Data Centre hardware / Cloud Hosting
- Procuring/Providing Map Platform with data and its Integration
- Maintenance of Public Cloud where application is hosted
- Maintenance of Map services for the State/UT
- Deployment of Application Software
- Overall Project Monitoring & Management including identification of issues in advance, proposing suitable solutions and ensuring smooth execution.
- Coordinate with various stakeholders (State/UT Transport Department and device



suppliers) during the project implementation.

- Provide training to State/UT Transport department, RTO officials for using the System.
- Provide training to VLT vendors for tagging the device using the System.
- Setting up of Control Room/ Centre
- Setting up of Helpdesk and supporting the System.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Delhi, the April,2018.

S.O. ___(E).— In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby exempts all the public service vehicles manufactured before 01st day of April, 2018, from the provisions of rule 125H of the Central Motor Vehicles Rules, 1989 from the requirement of equipping or fitting with fitment of vehicle location tracking device and emergency button up to the 1st day of April, 2019. However, this may be read as 01st day of April, 2018 in case of new vehicles.

[No. RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

- S.O......Whereas the Central Government is of the opinion that it is necessary and expedient in the public interest to notify certain instructions/guidelines in respect of provision of vehicle location tracking device and emergency button in specified public service vehicles, with reference to the amendments made in the Central Motor Vehicles Rules; 1989 (CMVR) by the Central Motor Vehicles (Twentieth Amendment) Rules, 2016 notified vide G.S.R. 1095(E) dated 28th November 2016. It, therefore, in exercise of the powers conferred by the sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), makes the following order to specify such standards, namely:
- 1. This may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. It shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to motor vehicles as defined in sub-rule (1) of rule 125 H of Central Motor Vehicles Rules, 1989.
- 4. The overall approach for implementation of Vehicle Location Tracking Device and Emergency Button (VLT) shall be as below:
- a. The VLT device manufacturers will get their devices tested and certified from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989 for compliance to the rule 125 H of Central Motor Vehicles Rules, 1989.
- b. The State/UT will ensure compliance to the rule 125 H of CMVR and check fitment and functional status of the VLT device in the vehicles at the time of issuance of permit, renewal of permit and fitness check of the vehicles.
- c. The vehicle owners shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per rule 126 of Central Motor Vehicles Rules, 1989.
- d. The mechanism to setup the Command & Control Centres with appropriate hardware and applications software, shall be decided by the respective States and UTs. They can set up their own backend system, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 2016 (11 of 2016).
- e. The Command & Control Centres will be used to provide interfaces to various stakeholders and systems such as State emergency response centre, the transport department or RTOs, MoRTH and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. In case of press of an

emergency button, the VLT device will send the data directly to the emergency response system of the respective State or Union Territory.

f. The Command & Control Centre will also provide feed to the VAHAN data base with regard to the over speeding, device health status, so as to create an interface with the RTOs. The Command & Control Centre will have an interface with the VAHAN data base for data transfer.

- g. The details of each VLT device, VLT device manufacturer code, device serial number, IMEI number, Icc ID number and other details specified by the Central Government/State Government shall be uploaded on the corresponding State/UT backend system by the VLT device manufacturer using its secure authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register the devices along with details of vehicle and permit holder on the corresponding backend systems in real-time. The backend system will update the details of device in the VAHAN system against the respective wehicle record.
- h. The vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- i. VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- j. The testing angencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- k. The State/UT shall publish IP address and SMS gateway details of their respective emergency response system where VLT devices will send the emergency alerts on press of emergency button.
- The VLT device manufacturers or their authorised dealers, at the time of installation
 of VLT device in vehicles, shall configure the IP address and SMS gateway details in
 the device for sending emergency alerts to the emergency response system of the
 State/ UT concerned.
- m. The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State/UT's Command & Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
- n. VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new vehicles and one year for other vehicles. The device manufacturers or their authorised dealers shall offer the above services for a minimum period of five years from the date of installation of device in a vehicle. The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the motor vehicle owners as per the mutual agreement. The commercial arrangement between the device manufacturers or their

authorised dealers and the motor vehicle owners for the VLT device and its warranty/maintenance services or any other value added services will be decided mutually by them."

[No. RT-11028/12/2015-MVL]

(Abhay Damle) Joint Secretary to the Government of India.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

S.O. ___(E).— In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby exempts all the public service vehicles manufactured before 01st day of April, 2018, from the provisions of rule 125H of the Central Motor Vehicles Rules, 1989 up to the 1st day of April, 2019.

[No. RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

Voltage 88.66

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

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[No. RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

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Subject: Fw: Order_MORTH_AIS140_27032018.docx

To: DHARKAT L Email <dharkat@nic.in>,

Jitendra Kumar Consultant MvL MORTH <kumarjitendrajha@hotmail.c

Date: 03/27/18 06:36 PM

From: Director MORTH < dirmvl-morth@gov.in>

Order_MORTH_AIS140_27032018.docx (25kB)

Madam have it on file for approval.

Regards Priyank

Original Message

From: alok.sethi@dimts.in Sent: 27 March 2018 6:29 p.m.

To: dirmvl-morth@gov.in

Cc: abhay.damle@gov.in; rakesh.jain@dimts.in; ajay.gupta@dimts.in

Subject: Order_MORTH_AIS140_27032018.docx

Dear Sir,

Kindly find the updated draft GO for AIS-140 implementation.

Regards

Alok SETHI

GENERAL MANAGER - TRANSPORTATION TECHNOLOGY SOLUTIONS

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An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007, ISO 27001 certified and CMMI appraised company CIN No. U60232DL2006PLC148406

----Original Message-----

From: Ajay gupta

Sent: 27 March 2018 18:27 PM

To: Alok Sethi; Rakesh Jain

Subject: RE: Emailing: Order_MORTH_AIS140_27032018.docx

Clean copy

Best Regards,

Ajay Gupta

----Original Message----

From: Ajay gupta

Sent: 27 March 2018 18:25 PM

To: Alok Sethi; Rakesh Jain

Subject: RE: Emailing: Order_MORTH_AIS140_27032018.docx

Revised as discussed

Best Regards,

Ajay Gupta

----Original Message----

From: Ajay gupta

Sent: 27 March 2018 16:25 PM

To: Alok Sethi; Rakesh Jain

Subject: Emailing: Order_MORTH_AIS140_27032018.docx

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Delhi Integrated Multi-Modal Transit System Ltd. Registered office: 1st Floor, Maharana Pratap ISBT Building, Kashmere Gate, Delhi 110 006, India; Tel: + 91 11 43090100; Fax: +91 11 23860966; e-mail: info@dimts.in; Web: www.dimts.in CIN No. U60232DL2006PLC148406

TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

17/4/18

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

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- e. The Command & Control Centres shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or RTOs, MoRTH and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc.

- The Command & Control Centre will also provide feed to the VAHAN data base with regard to the over speeding, device health status.
- g. The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- h. The vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- i. VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- j) The testing angencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (k) The State/UT shall publish IP address and SMS gateway details of their respective emergency response system where VLT devices will send the emergency alerts on press of emergency button.
- The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the IP address and SMS gateway details in the device for sending emergency alerts to the emergency response system of the State/UT concerned.
- m The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State/UT's Command & Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
- (n) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new vehicles and one year for other vehicles.
- (o) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the motor vehicle owners as per the mutual agreement between them.

[No. RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India.

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Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Transport Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the transport vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC will issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers will upload the following data for every device in VAHAN portal:
 - a. VLT Device make and model
 - Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c. IMEI Number
 - d. Icc ID Number
 - e. Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	A - Automotive Research Association of India C - Central Institute of Road Transport I - International Centre for Automotive Technology V - Vehicle Research & Development Establishment F - Central Farm Machinery Training & Testing Institute P - Indian Institute of Petroleum G - Global Automotive Research Centre, Chennai	For month and year of manufacture in format MMYY	For Production Sr. No.

- 4. The authorized dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific vehicle. In case the VLT device is installed by the vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. RTOs shall verify the unique identification number of VLT device at the time of fitness testing.

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

Volled P. S.8: 27/4/18

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

- S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles. Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), makes the following order to specify such standards, namely:
- 1. These order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. It shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The mechanism to setup the Command and Control Centres with appropriate hardware and applications software, shall be decided by the respective States and Union Territories. They can set up their own backend system, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 2016 (11 of 2016).
 - (e) The Command & Control Centres shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc.
 - (f) The Command and Control Centre shall also provide feed to the VAHAN data base with regard to the over speeding, device health status.

- (g) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (h) The vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (i) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (j) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (k) The State or Union Territories shall publish IP address and SMS gateway details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (I) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the Internet Protocol address (IP address) address and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- (m) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State or Union Territories Command and Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
- (n) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new vehicles and one year for other vehicles.
- (o) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the motor vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Transport Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the transport vehicles, the following be ensured with respect



to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
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 - c) IMEI Number
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 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufactur er	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport [I] - International Centre for Automotive Technology [V] - Vehicle Research & Development Establishment	For month and year of manufacture in format MMYY	For Productio n Sr. No.

4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific vehicle. In case the VLT device is installed by the vehicle

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manufacturer, then the above process shall be undertaken by the vehicle manufacturer.

5. RTOs shall verify the unique identification number of VLT device at the time of fitness testing.

(Abhay Damle)

Joint Secretary to the Government of India

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely: -

- 1. This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The mechanism to setup the Command and Control Centres with appropriate hardware and applications software, shall be decided by the respective States and Union Territories. They can set up their own backend system, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 2016 (11 of 2016).
 - (e) The Command and Control Centres shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc.

- (f) The Command and Control Centre shall also provide feed to the VAHAN data base with regard to the over speeding, device health status.
- (g) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (h) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (i) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (j) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (k) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (l) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) address and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- (m) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State or Union Territories Command and Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
- (n) 'VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (o) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

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linking of approved VLT Devices with the specific vehicle model through VAHAN database.

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- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
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Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive ResearchAssociation of India[C] - Central Institute of RoadTransport	For month and year of manufacture in format MMYY	For Production Sr. No.
	,	[1] - International Centre for Automotive Technology		
		[V]- Vehicle Research & Development Establishment	6	
		[F] - Central Farm Machinery Training & Testing		

4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed

by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.

5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

(Abhay Damle)

Joint Secretary to the Government of India

भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (ii) मे प्रकाशनार्थ

भारत सरकार

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, तारीख ,2018

का.आ. केन्द्रीय सरकार की यह राय है कि सभी लोकसेवा यानों में यान अवस्थिति खोज यंत्र और आपातकालीन बटन लगाने और फिट करने के संबंध में मानकों का अधिसूचित किया जाना लोकहित में आवश्यक और समीचीन है।

अतः, अब, केन्द्रय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के अधीन प्रदत्ते शक्तियों का प्रयोग 'करते हुए, ऐसे मानकों को विनिर्दिष्ट करते हुए निम्नलिखित आदेश करती है, अर्थात् :-

- 1. इस आदेश का संक्षिप्त नाम मोटर यान (यान अवस्थिति खोज यंत्र और आपातकालीन बटन) आदेश, 2018 है ।
- 2. ये राजपत्र में उनके प्रकाशन की तारीख को प्रवृत्त होंगे ।
- 3. यह आदेश केन्द्रीय मोटर यान नियम 1989 के नियम 125च के उप नियम
- (1) में विनिर्दिष्ट सभी लोकसेवा यानों को लागू होगा ।
- 4. सभी लोकसेवा यानों में यान अवस्थिति खोज यंत्र और आपातकालीन बटन (वीएलटी) संस्थापन के लिए निम्नलिखित दृष्टिकोण होगा, अर्थात्:-
- (क) वीएलटी यंत्र विनिर्माता, केन्द्रीय मोटर यान नियम, 1989 के नियम 126 में विनिर्दिष्ट किसी परीक्षण अभिकरण से अपने यंत्र परीक्षित और प्रमाणित कराएंगे।
- (ख) राज्य या संघ राज्यक्षेत्र, केन्द्रीय मोटर यान नियम, 1989 के नियम 125च की अनुपालना सुनिश्चित करेंगे और लोकसेवा यानों में वीएलटी यंत्र के लगे होने और क्रियाशील होने की प्रास्थिति का, जांच यानों की फ़िटनेस प्रमाणन करते समय, परीक्षण करेंगे।
- (ग) लोकसेवा यान स्वामी को किसी भी विनिर्माता से अपनी पसंद के वीएलटी यंत्र को, जब तक यह केन्द्रीय मोटर यान नियम, 1989 के अनुसार अनुमोदित प्रकार का है, चुनाव करने और संस्थापन करने की स्वतंत्रता होगी।
- (घ) कमांड और नियंत्रण केंद्र का गठन करने की क्रिया विधि, समुचित हार्डवेयर और सॉफ्वेयर उपयोजन के साथ, संबद्ध राज्यों और संघ राज्यक्षेत्रों द्वारा

विनिश्चित की जाएगी । वे अपना बैक एंड सिस्टम का अपने स्तर पर, एआईएस-140 में यथा सूचीबद्ध उपबंधों को पूरा करते हुए, जब तक भारतीय मानक अधिनियम, 2016 (2016 का 11) के अधीन तत्स्थानी बीआईएस विशिष्टताएं अधिसूचित की जाती हैं, गठन कर सकते हैं ।

- (इ.) कमांड और नियंत्रण केंद्र विभिन्न पणधारियों, जैसे राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालय, सड़क परिवहन और राजमार्ग मंत्रालय और इसके पदाभिहित अभिकरण, यंत्र विनिर्माता और उनके प्राधिकृत ब्यौहारी, परीक्षण अभिकरण, परिमट धारक आदि, को अंतरापृष्ठ उपलब्ध कराने के लिए प्रयोग किए जाएंगे।
- (च) कमांड और नियंत्रण केंद्र, वाहन डाटा बेस को अधिक गतिसीमा, यंत्र संबंधी प्रास्थिति के बारे में जानकारी उपलब्ध कराएगा ।
- (छ) प्रत्येक वीएलटी यंत्र के ब्यौरे, उपाबंध के अनुसार, वीएलटी यंत्र विनिर्माता द्वारा अपने सुरक्षित प्राधिकृत एक्सेस का प्रयोग करते हुए वाहन डाटा बेस पर अपलोड किए जाएंगे । वीएलटी यंत्र विनिर्माता या उनके प्राधिकृत ब्यौहारी लोकसेवा यानों में वीएलटी यंत्रों का संस्थापन करेंगे और यंत्रों को यान के ब्यौरों सहित तत्स्थानी बैकएंड सिस्टम पर तत्क्षण रजिस्टर करेंगे ।
- (ज) लोकसेवा यान स्वामियों को यह सुनिश्चित करना होगा कि उनके यानों में संस्थापित वीएलटी यंत्र कार्यकारी स्थिति में हैं और सेल्यूलर सहबद्धता के माध्यम से तत्स्थानी बैकएंड सिस्टम को अपेक्षित डाटा नियमित रूप से भेजना सुनिश्चित किया जाएगा।
- (झ) वीएलटी यंत्र विनिर्माता केन्द्रीय मोटर यान नियम, 1989 के नियम 126 में विनिर्दिष्ट परीक्षण अभिकरणों से, प्रत्येक वर्ष प्रथम प्रमाणन के पश्चात, उनका उत्पादन की अनुरूपता के लिए यंत्र का परीक्षण कराएंगे।
- (ञ) परीक्षण अभिकरण, उनके द्वारा प्रमाणित वीएलटी यंत्रों के ब्यौरे वाहन डाटा बेस पर अपलोड करेंगे । वे उत्पादन की अनुरूपता से संबंधित प्रास्थिति भी वाहन , डाटा बेस पर अद्यतन करेंगे ।
 - (ट) राज्य या संघ राज्यक्षेत्र इंटरनेट प्रोटोकॉल पता (आईपी पता) और संक्षिप्त संदेश सेवा गेटवे (एसएमएस गेटवे) के ब्यौरे उनके संबंधित आपातकालीन प्रतिक्रिया सिस्टम पर प्रकाशित करेंगे, जहां वीएलटी यंत्र आपातकालीन अलर्ट आपातकालीन बटन दबाने पर उन्हें भेजेंगे।
- (ठ) वीएलटी यंत्र विनिर्माता या उनके प्राधिकृत ब्यौहारी लोकसेवा यानों में वीएलटी यंत्र के संस्थापन के समय, इंटरनेट प्रोटोकॉल पता(आईपी पता) और

संक्षिप्त संदेश सेवा गेटवे (एसएमएस गेटवे), संबद्ध राज्य या संघ राज्यक्षेत्र को एक आपातकालीन प्रतिक्रिया सिस्टम को आपातकालीन अलर्ट भेजने के लिए यंत्र के ब्यौरों के संरूप भी भेजेंगे।

- (ड) वीएलटी यंत्र विनिर्माता या उनके प्राधिकृत ब्यौहारी लोकसेवा यानों में वीएलटी यंत्र के संस्थापन के समय वीएलटी यंत्र का संरूप सुरक्षित प्राधिकृत सिक्रियण संदेश, संबद्ध राज्य या संघ राज्यक्षेत्र के कमांड और नियंत्रण केंद्र के साथ साथ वाहन प्लेटफार्म को प्रत्यक्षतः, एआईएस 140 के लिए व्यवहार संहिता में यथा विनिर्दिष्ट, भेजेंगे।
- (ढ) वीएलटी यंत्र विनिर्माता या उनके प्राधिकृत ब्यौहारी वीएलटी यंत्र के लिए व्यापक वारंटी उपलब्ध कराएंगे/रखरखाव में सहयोग देगें और नए लोकसेवा यानों में न्यूनतम दो वर्ष की और अन्य यानों में एक वर्ष की अवधि के लिए सेल्यूलर सहबद्धता सुकर करेंगे।
- (ण) वीएलटी यंत्र विनिर्माता लोकसेवा यान स्वामियों को अनिवार्य अपेक्षाओं के साथ साथ मूल्यवर्धित सेवाओं को भी उनके मध्य हुए आपसी करार के अनुसार प्रस्तावित कर सकेंगे।

उपाबंध

लोकसेवा यानों पर वाहन डाटा बेस सहित पश्च: सञ्जित यान अवस्थिति खोज यंत्र और आपातकालीन बटन का समाकलन

लोक सेवा यानों में यान अवस्थिति खोज यंत्र (वीएलटी) और आपातकालीन बटन को पश्च: सज्जित करने के लिए अनुमोदित वीएलटी यंत्रों के साथ विशिष्ट यान माडल, वाहन डाटा बेस के माध्यम से, संबद्ध करने के संबंध में निम्नलिखित सुनिश्चित किया जाएगा, अर्थात् :--

- यानों पर सिन्जित वीएलटी यंत्र एआईएस :140 के अनुसार अनुमोदित प्रकार के होंगे ।
- 2. एनआईसी, प्रकार अनुमोदन के पश्चात् प्रत्येक वीएलटी यंत्र विनिर्माता को प्रकार अनुमोदन डाटा वाहन पोर्टल पर अपलोड करने के लिए एक विशिष्ट यूजरनेम और पासवर्ड जारी करेगा ।
- 3. वीएलटी यंत्र विनिर्माता प्रत्येक यंत्र के लिए वाहन पोर्टल पर निम्नलिखित डाटा अपलोड करेंगे :

- क) वीएलटी यंत्र मेक और माडल ;
- ख) प्रकार अनुमोदन प्रमाणपत्र (टीएसी) और/या यथा लागू, उत्पादन अनुरूपता प्रमाणपत्र (सीओपी) ;
- ग) आईएमइआई संख्या ;
- घ) आईसीसी आईडी संख्या ;
- ङ) विशिष्ट पहचान संख्या, निम्नलिखित प्रारूप के अनुसार :

चार वर्ण-	दो वर्ण-संख्या-अक्षर	परीक्षण	चार अंकों वाली	आठ अंकों वाली
संख्या-अक्षर		अभिकरण के	1	संख्या
		लिए एक		
	1)	वर्णानुक्रम अक्षर	a	
	माडल के नाम के लिए	[ए] आटोमोटिव	विनिर्माण का	उत्पादन के लिए
के नाम के		रिसर्च	मास और वर्ष,	क्रम संख्या
लिए		एसोशिएशन आफ	मा.मा./व.व.	
		इंडिया	प्रारूप में	
		[सी] केंद्रीय सड़क		
		परिवहन संस्थान		
		[आई]		
	*	अंतरराष्ट्रीय		
		आटोमोटिव		
The state of the s	2	प्रौद्योगिकी केंद्र	1	
		[वी] यान		
		अनुसंधान और		
		विकास स्थापन		
	1	[एफ] केंद्रीय		
		फार्म मशीनरी		
		प्रशिक्षण और		
		परीक्षण ।		
		परादाण (1	

4. वीएलटी यंत्र विनिर्माता का प्राधिकृत व्यौहारी विशिष्ट लोक सेवा यानों को वीएलटी यंत्र संबद्ध करने के प्रयोजन के लिए वाहन डाटा बेस में विशिष्ट पहचान संख्यांक की प्रविष्टि करेगा । यदि वीएलटी यंत्र लोक सेवा यान विनिर्माता द्वारा संस्थापित किया जाता है तो उपरोक्त प्रक्रिया यान विनिर्माता द्वारा की जाएगी ।

5. क्षेत्रीय परिवहन कार्यालय फ़िटनेस परीक्षण के समय वीएलटी यंत्र के विशिष्ट पहचान संख्यांक का सत्यापन करेंगे ।

> (अभय दमले) संयुक्त सचिव, भारत सरकार

Subject: Request to consider early implementation of VTS in transport

vehicles

To: secy-road@nic.in

Cc: abhay.damle@gov.in, dirmvl-morth@nic.in, v.chidambaram@nic.in, br.nair@nic.in, yashpal.149@nic.in, nkminda@mindagroup.com, vinnie.mehta@acma.in,

seema.babal@acma.in

image001.png (3kB)

Date: 14/08/18 06:33 PM

6th Floor, The Capital Court Olof Palme Marg, Munirka New Delhi - 110 067, India Tel: + 91-11-26160315 Fax: +91-11-26160317

acma@acma.in | www.acma.in

Automotive Component Manufacturers Association of India

Nirmal K Minda President

O/o Secretary, Morris Dairy No ... 1288041 Date:2.61.8118......

14 August, 2018

Dear Mr Malik.

Greetings from ACMA!

At the outset, let me thank you for your continued support to ACMA!

I am writing to you in context to the representations made by ACMA members requesting for an early implementation of Vehicle Tracking System (VTS) and Emergency Button in Public Service Vehicles.

We are thankful to MoRTH for providing ACMA members the opportunity to demonstrate the workable backend solutions, available with these VTS Manufacturers, to all concerned and assimilate officers at MoRTH.

Sir, as you are aware, Industry has invested hugely in R&D to acquire this technology, employed technical resources, obtained required certifications and have built-up massive inventory of Vehicle Tracking Devices. Understanding lacking backend solution as the root cause of delay in implementation of VTS, the industry offered backend solution available with them and demonstration at various avenues given to solve the delay in implementation. The industry also offered to provide the backend solutions until any alternative was ready with the government. In their recent communication to ACMA, they have even offered to self-fund the back end solution for a period of 2 years, by building-up the cost per device in VTS sales price to take care of the back end.

During our last interaction with you on 9th July 2018, the suggestion of VTS fitment in threewheelers was made and members were asked to come back with an approx. cost for such a VTS device.

https://mail.gov.in/iwc_static/layout/shell.html?lang=en&3.0.1.2.0_15121607

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While we appreciate the need for a VTS device for three-wheelers, such a VTS device leems altogether different specifications, different from what has been specified in AIS-140. Further, consenting such specifications do not exist and need to be formulated.

May we therefore propose, till such time standard for three-wheelers VTS are defined, kindly consider commencing implementation of VTS in Taxis and Buses (may be begin in new vehicles). Implementation in three-wheelers could be taken up in next phase.

I am hopeful that you would consider our request favourably.
I look forward to your kind support and leadership to help implement this great initiative.

Thanking you,

Kind Regards,

Sd/-N K Minda

Mr Yudhvir Singh Malik Secretary Ministry of Road Transport & Highways Government of India, New Delhi



(An Apex Organization of Truckers, Transporters & Passenger Vehicle Operators Official Journal "motor transport"

> Bv/RT&H/055/2018 August 9, 20

Sh. Nitin Gadkari Hon'ble Union Minister Government of India Ministry of Road Transport & Highways Transport Bhawan, New Delhi

Sub: 1) Thanks & Gratitude for your active indulgence for positive reforms in Transport Sector.

2) Suggestions on Draft Rules to amend CMVR 1989 vide GSR 643 (E) dated July 12, 2018. Respected Sir,

On behalf of the road transport fraternity of India we would like to thank you for taking positive an constructive initiatives to address growing concerns of the road transport fraternity of India.

Your visionary and positive approach and swift action by your team of dedicated officers has provide semblance of hope for ease of their perils. The recent notification for increased axle load for existing vehicle is a positive step in that direction.

We express our profound gratitude to your goodself and at the same time wish to acknowledge your kind support, your energy, time and many talents, which are going to usher constructive reforms in the road transport sector as well.

Your recognition of the importance of the issues of this vital sector, which affects the livelihood and sustenance of people with it and your swift intervention has led to important improvements that will positively impact all. Recently your statement in parliament for human intervention free, free flow movement of vehicles on the highways within six months is a manifestation of that ethos.

Your team of dedicated officers are taking positive initiatives and one such effort is in the form of Drafi Notification No. GSR 643 (E) dated July 11, 2018. We herewith submit our deep appreciation to that and enclose herewith suggestions compiled after discussions from cross-section of the transport fraternity.

We are committed to making important and significant contributions to reforms in the transport sector for th benefit of people of the country, the transport sector and the Nation and would extend all possible help in that

With the help of your goodself we are sure that the aspirations of more than 15 crore people associated with transport sector will become a reality soon.

Thanking you Yours faithfully

Transport Bhawan, New Delhi.

President

S. K. Mittal

Copy to:-

Kultaran Singh Atwal Chairman

Sh. Abhay Damle, IRS, Jt. Secretary to Government of India, Ministry of Road Transport & Highways,

As per draft Notification	Issues	Suggrantia
2 (5) The Vehicle shall be fitted	Many of the vehicles	are 1. It will be mandatory for No.
with a Vehicle Tracking Syste	m already fitted Vehicle Track	The state of the s
Device as per AIS 140	System Device and a	J of metal by Ollin
	investment already been mad	1, 2010.
	and the state of t	
**************************************		vehicles must be validated and the
		manufacturers be asked to confor
		to AIS 140 by April 1, 2019.
		3. Compulsory VTS for all vehicle
,		(Goods / Passenger), by April 2019.
		4. The equilibrium between demand
		and supply must be maintained and
		competitive and free market spiri
Y some		be enforced
		5. The vehicles already fitted with
		GPS / VTS system minutes I
		GPS / VTS system prior to January
		01, 2019 will carry AIS 140
		conformity certificate from their
		vendor and need not to buy a new
3. Amending Rule 62	This is a welcome step in light	system.
	of high technology vehicles and	
3 (1) in clause (b)	international standard roads	I I I I I I I I I I I I I I I I I I I
	available.	vehicles should be considered at 3
	STEEDIE.	years and thereafter every two
(4) Provided further that not	It may be mentioned that all	years till the life of the vehicle.
itness certification shall be	type of Vehicles / we 1.1	
equired at the time of	type of Vehicles / models are	2. Vehicles fabricated in conformity
egistration for new transport	not available as fully built.	of Type approved models and as
chicles sold as fully built		per the approved body code must
chicles and such vehicles shall		be treated for this purpose.
e deemed to be having		1
ertificates of fitness for a	t:	3. The fitness should be allowed to be
eriod of two years from the		done by any Transport Department
tte of registration		of State / UTs or Authorised
of registration		Testing Station of OEM or State
		Transport Undertaking in a State/
		Union Territory irrespective of
	2	where the vehicle is an interpretative of
		where the vehicle is registered. The
I CD.		details may be uploaded on Vahan IV within one day.
newal of Fitness	There are lot of practical issues	1 Fitness should be
1	ike National and Regional	1. Fitness should be allowed 45 day in
P.	olid Duu	advance and it should remain valid
	Vatural Calamit	from due date.
	vorking of Internet Network,	Vahan IV allows generating Fitness
	ompatel etc	fees for 60 days in advance.

	Vehicle Owner cannot wait for last date. It would be a health exercise to get the Vehicle Fitness in advance.	it treated valid next working day.
	There are no mechanically of technically differentiation between private and commercial vehicles. Private vehicles are used by owners only and commercial vehicles are used by different persons / drivers as per the requirement.	commercial business purpose and should not be linked to Insurance.
	It may happen that the Fitness is not renewed due to any reason, and if any mishappening occurs the Insurer abruptly deny them.	
4) In proposed rule 138B	To provide level playing field for vehicles with same chassis and make.	In case of modular semi-hard top the height of the vehicle shall conform to as per sec 93 (4) (iii) of CMVR 1989.
fier the words "driving license and" the words "certificate for collution-Under-Check in hysical or electronic form", hall be inserted.	Some drivers of commercial vehicles breaks rules and for that police book the driver and Impound the DL. It comes as a	Only Private Vehicles be DL allowed to keep electronically. All records of the vehicle all already available in Vahan IV. Therefore no need to carry original documents. Only DL of commercial vehicle drivers be in original.

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Delhi, the October, 2018.

S.O. ___(E).— In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in suppression of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O 1663 (E), dated the 18th April, 2018, the Central Government hereby exempts all public service vehicles registered upto the 31st day of October, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988 relating to vehicles equipped with or fitted with vehicle location tracking device and one or more emergency buttons) upto 31st day of October, 2018.

Provided that for public service vehicles registered upto 31st day of October, 2018, State Union territory Governments may notify the date of implementation in their respective States/Union Territories.

[No. RT-11028/12/2015-MVL]

(Priyank Bharti)

Joint Secretary to the Government of India.

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[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

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GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- 1. This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles that are mandated to be fitted with Vehicle Location Franckin Device and Emergency Button as per specified in subrule (1) of rule 125H of the Central Motor Vehicles Rules. 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and funct onal status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules. 1989.
 - _(d) The mechanism to setup the Command and Control Centres with appropriate hardware and applications software, shall be decided by the respective States and Union Territories. They can set up their own backend system, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 2016 (11 of 2016).

ce) The Command and Control Centres or such other facility setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of

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Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.

(f) The Command and Control Control

(f) The Command and Control Centre or such other facility shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

- (g) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (h) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working, condition and regularly send required data, to the corresponding backend system through cellular connectivity.
- (i) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (j) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (k) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (I) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) address and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
 - (m) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State or Union Territories Command and Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
 - (n) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (o) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

(Abhay Damle)

Joint Secretary to the Government of India

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Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN

3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:

- a) VLT Device make and model
- b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
- c) IMEI Number
- d) Icc ID Number
- e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical characters Agency	digits	Eight numerical digits
--	------------------------------------	------------------------------------	--------	------------------------------

name of	For name of the model	[A] - Automotive Research Association of India	For month	For Production
Manufacturer	(lie illodei	Aggoriation of Maria	and year of manufacture in format MMYY	Sr. No.
-		[C] - Central Institute of Road Transport	Torride William	
		[1] - International Centre for Automotive Technology		
T)	2	[V]- Vehicle Research & Development Establishment	,	
		[F] - Central Farm Machinery Training & Testing	9	

- 4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

(Abhay Damle)

Joint Secretary to the Government of India



GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

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- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
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 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The mechanism to setup the Command and Control Centres with appropriate hardware and applications software, shall be decided by the respective States and Union Territories. They can set up their own backend system, meeting the provisions as listed in AIS-140 till such time the corresponding BIS specifications are notified under Bureau of Indian Standards Act, 2016 (11 of 2016).
 - (e) The Command and Control Centres shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc.

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- (f) The Command and Control Centre shall also provide feed to the VAHAN data base with regard to the over speeding, device health status.
- (g) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (h) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (i) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (j) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (k) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (l) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) address and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- (m) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the VLT device to send a secure authenticated activation message directly to the respective State or Union Territories Command and Control Centre as well as VAHAN platform, as specified in Code of Practice for AIS-140.
- (n) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (o) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to

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linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c) IMEI Number
 - d) Icc ID Number
 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive ResearchAssociation of India[C] - Central Institute of RoadTransport	For month and year of manufacture in format MMYY	For Production Sr. No.
		[1] - International Centre for Automotive Technology [V]- Vehicle Research & Development Establishment	(:	
		[F] - Central Farm Machinery Training & Testing		

4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.

5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

(Abhay Damle)

Joint Secretary to the Government of India

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Delhi, the October, 2018.

S.O. ___(E).— In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in suppression of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O 1663 (E), dated the 18th April, 2018, the Central Government hereby exempts all public service vehicles registered upto the 31st day of October, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988 upto 1st day of November, 2018:

(Iship)

Provided that after the expiry of the State or Union territory Governments specified in pursuance of the said the applicable law, in regard to the October, 2018.

to 31st day of October, 2018, ate of implementation in their

[No. RT-11028/12/2015-MVL]

(Priyank Bharti)

Joint Secretary to the Government of India.

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GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- 1. This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
- a. The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - d) The Command and Control Centres or such other facility setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - e) The Command and Control Centre or such other facility shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

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- f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (IP address) and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:

- a) VLT Device make and model
- b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
- c) IMEI Number
- d) Icc ID Number
- e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive Research Association of India , [C] - Central Institute of Road Transport	For month and year of manufacture in format MMYY	For Production Sr. No.
		[1] - International Centre for Automotive Technology		
		[V]- Vehicle Research & Development Establishment		
		[F] - Central Farm Machinery Training & Testing		

- 4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. Regional Transport Offices shall verify the unique identificat on number of VLT device at the time of fitness testing.

(Priyank Bharti)

Joint Secretary to the Government of India

Sub: Vehicle Location Tracking Device and Emergency Buttons (VLT Device) -Notification reg.

As per direction of JS (MVL), Hindi Section is requested to kindly translate the attached draft notification approved by Hon'ble Minister (RTH) on priority please.

Draft notification has also been emailed at hindisectionrth@gmail.com 2.

> (Anand Kishore Shrivastava) Section Officer (MVL)

Section Officer (MV)

SIBMOT BIRBAIK (RH A TM)

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Delhi, the October, 2018.

S.O. ___(E), Inexercise of the powers conferred by, clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Subsection (ii) vide number S.O 1663 (E), dated the 18th April, 2018, the Central Government hereby exemptsupto the 1st day of November, 2018all public service vehicles registered upto the 31st day of October, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in their respective State or Union Territory, as per the applicable law, in regard to the said for public service vehicles registered upto the 31st day of October, 2018.

[No. RT-11028/12/2015-MVL]

(Priyank Bharti)

Joint Secretary to the Government of India.

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely: -

- This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

- (f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (k) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

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For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.

- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c) IMEI Number
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	,		1)
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		[V]- Vehicle Research & Development Establishment			
		[F] - Central Farm Machinery Training & Testing			
		Institute			
		[P] - Indian Institute of Petroleum			
		[G] - Global Automotive Research Centre, Chennai	,		

- 4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

No. RT-11028/12/2015-MVL

(Priyank Bharti)

Joint Secretary to the Government of India

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAY!

Notification

New Delhi, th∋ October, 2018.

S.O. ___(E)—Inexercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Subsection (ii) vide number 5.0 1663 (E), dated the 18th April, 2018, the Central Government hereby exemptsupto the 1st day of November, 2013all public service vehicles registered upto the 31st day of October, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in their respective State or Union Territory, as per the applicable law, in regard to the said for public service vehicles registered upto the 31st day of October, 2018.

[No. RT-11028/12/2015-MVL]

(Priyank Bharti)

Joint Secretary to the Government of India.

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[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

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 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

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		Institute [P] - Indian Institute of Petroleum [G] - Global Automotive Research Centr∈, Chennai		

- 4. The 'authorised dealer' of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

No. RT-11028/12/2015-MVL

(Priyank Bharti)

[भारत के राजपत्र, असाधारण, भाग-11, खंड 3, उप-खंड (ii) में प्रकाशनार्थ] भारत सरकार

सड़क परिवहन और राजमार्ग मंत्रालय

अधिस्चना

का.आ.(अ).- केंद्रीय सरकार् मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उप-धार्रा (3) के खंड (क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और भारत के राजपन्न, असाधारण, भाग-॥, खंड ३, उप-खंड (ii) में संख्या,का.आ. 1663 (अ), दिनांकित 18 अप्रैल, 2018,के तहत् प्रकाशित भारत सरकार ∤सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना का अधिक्रमण करते हुए स्तद द्वारा 31 अक्टूबर, 2018 तक पजीकृत सभी सार्वजनिक सेवा व्यहनों को मोटर यान अधिनियम, 1988 की धारा 110 की उप-धारा (1) के खंड (ट) के प्रानध्युनों से 01 नवम्बर, 2018 तक छूट प्रदान करती की अनियुक्ता

बर्शति कि, उपर्युक्त विनिर्दिष्ट छूट की समय-अवधि समाप्त होने के पश्चात् संबंधित राज्य या संघ-राज्य क्षेत्र सरकार दुर्वारा अपने संबंधित राज्य या संघ-राज्य क्षेत्र में 31 अक्टूबर, 2018 तक एंजीकृत सभी सार्वजनिक सेवा क्तहनों के लिए उपर्युक्त के संबंध में अनुप्रयोज्य विधि के अनुसार उमर्युक्त प्रावधान के अनुसरण में यथाविनिर्दिष्ट अपेक्षाओं के अनुपालन हेतु तिथि अधिसूचित की जा-सकती है।

(सं. आरटी-11028/12/2015-एमवीएल)

(प्रियंक भारती) संयुक्त सचिव, भारत सरकार

[भारत के राजपत्र, असाधारण, भाग में, खंड 3, ठप-धिरा (ii) में प्रकाशनार्थ]

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली,, 2018 (11)

री महत्याम का.आ.जबिक केंद्र सरकार का मामना है कि सभी सार्वजनिक सेवा वाहनीं में व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन के अनुकूलन या फिटनेस के संबंध में मानकों को अधिसूचित करने के लिए सार्वजुनिक हित में ऐसा करना आवश्यक है।

(BSTYLKON) अब, इस्मूलिएं, मोटर बाहुन अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के तहत प्रदान की गई शक्तियों के प्रयोग में, केंद्र सम्ब्कार इस प्रकार के मानकों को निर्दिष्ट करने के लिए निम्नलिखित आदेश देती है, मिनतः - उत्पति

का कार्यपदा गाम स्यान 1. इस आदेश को मीटर व्युह्न (व्हीकल लोकेशन टैकिंग डिवाइस और आपातकालीन बटन) आदेश, 2018 के रूप कहा जा सकता है। रहा जारमा TI 364

2. यह आदेश आधिकारिक राजपत्र में अपने प्रकाशन की तारीख मर लागू होंनी।

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3. यह आदेश केन्द्रीय मोटर व्यक्त नियम, 1989 के नियम 125 ज के उप-नियम (1) में निर्दिष्ट सभी सार्वजनिक सेवा क्लानं पर लाग् होगा।

4. सार्वजनिक सेवा वस्त्ना पर व्हीकल टैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) लगाने के लिए समग्र दृष्टिकोण इस-प्रकार होगा. नि१५ लि. दिवत

(क) वीएलटी डिवाइस निर्माता केंद्रीय मोटर वाहन नियम, 1989 के नियम 126 में निर्दिष्ट किसी भी परीक्षण एन्जेंसियों से अपने डिवाइसों को परीक्षित और प्रमाणित कराएगा।

(ख) राज्य या संघ शासित प्रदेश केंद्रीय मोटर व्यहन नियम, 1989 के 125 ज के नियमों का अनुपालन सुनिश्चित करेंगे और फिटनेंस प्रमाणन के लिए वाहनों की जांच के समयं सार्वजनिक सेवा वाहनीं में वीएलटी डिवाइस की फिटने्स और कार्यात्मक स्थिति की जांच करेंगे।,

(ग) सार्वजनिक सेवा वाह्म मालिक को किसी भी निर्माता से अपनी पसंद की वीएलटी डिवाइस को चुनने या स्थापित करने की अनजाद्री होगी जब तक कि यह केंद्रीय मोटर झहून नियम, 1989 के अनुसार るかからんいり 2017 4-90501 अन्मोदित प्रकार का है।

(घ) राज्य या वीएलटी निर्माताओं या राज्य सरकार द्वारा अधिकृत किसी भी अन्य एजैंक्री द्वारा स्थापित कमांड और नियंत्रण केंद्रों या अन्य केंद्रमव्यवस्था का उपयोग राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालयों, सड़क परिवहन और राजमार्ग मंत्रालय और इसकी IGA

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नामित एजेंसी, डिवाइस निर्माताओं और उनके अधिकृत डीलरों, परीक्षण एजेंसियों, परिमट धारकों आदि विभिन्न हितधारकों को एआईएस 140 संव्यवहार संहिता के अनुसार इंट्रफ़ेंस्र प्रदान करने के लिए किया जाएगा।

- (ङ) यह कमांड और नियंत्रण केंद्र या इस तरह का अन्य कोई केन्द्र राज्य के वाहन डेटा बेस या राज्य के ी संबंधित डेटा बेस को स्पीडिंग, डिवाइस की हालत के संबंध में जानकारी भी पहुंचाएगा।
- (च) अनुलग्नक के अनुसार प्रत्येक वीएलटी डिवाइस का विवरण वीएलटी डिवाइस निर्माता द्वारा इसकी सुरक्षित प्रमाणीकृत पहुंच का उपयोग करके वाहन डेटाबेस पर अपलोड किया जाएगा। वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर सार्वजनिक सेवा वाहनों में वीएलटी उपकरणों को स्थापित करेंगे और वास्तविक समय में संबंधित बैकएंड सिस्टम पर वाहन के विवरण के साथ डिवाइस प्रजीकृत कराएगें।
- (छ) सार्वजनिक सेवा वाहन मालिकों को यह सुनिश्चित करना है कि उनके वाहनों में स्थापित वीएलटी । डिवाइस काम करने की स्थिति में हैं और नियमित रूप से सेनुलर कनेक्टिविटी के माध्यम से, संबंधित बैकएंड सिस्टम को आवश्यक डेटा भेजते हैं।
- (ज) वीएलटी डिवाइस निर्माता केंद्रीय मोटर व्यहन नियम, 1989 के नियम 126 में निर्दिष्ट परीक्षण एजेंसियों से पहले प्रमाणन के बाद प्रत्येक वर्ष उत्पादन की अनुरूपता के लिए अपने डिवाइस को परीक्षित कराएगा।
- (झ) परीक्षण एर्नेसियां वाहून डेटा बेस पर उनके द्वारा प्रमाणित वीएलटी उपकरणों का विवरण अपलोड करेंगी। वे वाहून डेटा बेस पर उत्पादन की अनुरूपता से संबंधित स्थिति को भी अपडेट करेंगे।
- (ञ) राज्य या संघ शासित प्रदेश इंटरनेट प्रोटोकॉल पता (आईपी पता) और उनके संबंधित आपातकालीन प्रतिक्रिया प्रणाली के लघु संदेश सेवा गेटवे (एसएमएस गेटवे) के विवरण जहां से वीएलटी डिवाइस आपातकालीन बटन दबाए जाने पर आपातकालीन अलर्ट भेजेगा, को प्रकाशित करेंगे।
- (ट) सार्वजनिक सेवा व्याहर्नीं में वीएलटी डिवाइस की स्थापना के समय वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर डिवाइस संबंधित राज्य या संघ शासित प्रदेश की आपातकालीन प्रतिक्रिया प्रणाली के लिए आपातकालीन अलर्ट को भेजने के लिए इंटरनेट प्रोटोकॉल पता (आईपी पता) और लघु संदेश सेवा गेटवे (एसएमएस गेटवे) विवरण को समनुरुप बनाएगा।
- (ठ) वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर वीएलटी डिवाइस के लिए व्यापक वारंटी । रखरखाव सहायता प्रदान करेंगे और नए सार्वजनिक सेवा वृद्धिनों के लिए कम से कम दो वर्ष के लिए सेल्लर कनेक्टिविटी और अन्य वाहनों के लिए एक वर्ष की सुविधा प्रदान करेंगे।
- (ड) वीएलटी डिवाइस निर्माता सार्वजनिक सेवा वाहून मालिकों के बीच आपसी समझौते के अनुसार अनिवार्य निष्पादन अपेक्षाओं के अतिरिक्त मूल्यवर्धित सेवाएं प्रदान कर सकते हैं।

सार्वजनिक सेवा वाहनों में रेट्रो-फिट व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) का वाहन-डाटाबेस के साथ एकीकरण।

सार्वजनिक सेवा वाहनों के लिए व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) के रेट्रो-फिटमेंट हेतु अनुमोदित वीएलटी डिवाइस को वाहन डाटाबेस के माध्यम से विशिष्ट वाहन मॉडल के साथ जोड़ने के संबंध में निम्नलिखित को सुनिश्चित किया जाएगा।

- 1. वृहन में लगाए गए वीएलटी डिवाइसों को एआइएस: 140 के अनुसार टाइप अनुमोदित किया जाएगा।
- 2. टाइप अनुमोदन के पश्चात् एनआइसी द्वारा वाहन पोर्टल पर टाइप स्वीकृति डाटा अपलोड करने के लिए प्रत्येक वीएलटी डिवाइस विनिर्माता को एक विशिष्ट उपयोगकर्ता का नाम (यूजरनेम) और पासवर्ड जारी किया जाएगा।
- 3. वीएलटी डिवाइस विनिर्माता वाहन पोर्टल में प्रत्येक डिवाइस के लिए निम्नलिखित डाटा अपलोड करेंगे:
 - क) वीएलटी डिवाइस मेक ऐंड मॉडल
 - ख) र्यक प्रयोज्य टाइप अनुमोदन प्रमाणपत्र (टीएसी) और/या उत्पादन प्रमाणपत्र (सीओपी) की अनुरूपता
 - ग) आइएमइआइ संख्या
 - घ) आइसीसी आइडी संख्या
 - ड.) निम्नलिखित प्रारूप के अनुसार विशिष्ट पहचान संख्या:

		परीक्षण एजेंसी के लिए एक अक्षरात्मक वर्ण	चार संख्यात्मक अंक	आठ संख्यात्मक अंक
विनिर्माता के नाम के लिए '	मॉडल के नाम के लिए	[ए] - ऑटोमोटिव रिसर्च एसोसिएशन ऑफ इंडिया [सी] - सेंट्रल इंस्टीट्यूट ऑफ रोड ट्रांसपोर्ट [आइ] - इंटरनेश्नल सेंटर फॉर ऑटोमोटिव टेक्नोलॉजी [वी] - व्हीकल रिसर्च ऐंड डेव्लेपमेंट इस्टेबल्शिमेंट [एफ] - सेंट्रल फॉर्म मशीनरी ट्रेनिंग ऐंड टेस्टिंग इंस्टीट्यूट संस्थान	एमएमवाइवाइ प्रारूप में विनिर्माण के माह और वर्ष के लिए	उत्पादन क्रम संख्या के लिए '

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[पी] - इंडियन इंस्टीट्यूट ऑफ	
पेट्रोलियम	
[जी] - ग्लोबल ऑटोमोटिव	,
रिसर्च सेंटर, चेन्नई	

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- 4. वीएलटी विनिर्माता के प्राधिकृत डीलर द्वारा वीएलटी डिवाइस को किशेष सार्वजनिक सेवा क्रिंहने से जोड़ने के उद्देश्य से वाहन डाटाबेस में विशिष्ट पहचान संख्या दर्ज की जाएगी। यदि वीएलटी डिवाइस को सार्वजनिक सेवा वाहन विनिर्माता द्वारा संस्थापित किया गया है, तो उपर्युक्त प्रक्रिया वाहन विनिर्माता द्वारा की जाएगी।
- 5. क्षेत्रीय परिवहन कार्यालयों द्वारा फिटनेस परीक्षण के समय वीएलटी डिवाइस की विशिष्ट पहचान संख्या सत्यापित की जाएगी।

सं. आरटी-11028/12/2015-एमवीएल

(प्रियंक भारती) भारत सरकार, संयुक्त सचिव [To be published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii)]



GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Delhi, the_ August, 2018.

5.0. ___(E).— in exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in supersession of S.O. 1663(E) dated 18th April 2018, the Central Government hereby exempts all public service vehicles manufactured up to 31st day of October, 2018 from the provisions of rule 125H of the Central motor Vehicles Rules, 1989. The exemption shall remain in force till such time as may be notified for implementation by the respective State Government. Union Territory.

[No. RT-11028/12/2015-MVL]

(Abhay Damle)

Joint Secretary to the Government of India

the notification of the Greenment of a for the investory of Road Transport of Highways published in the Capet

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[To be published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the

, 2018

Therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- 1. This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2) This Order shall come into force on the date of its publication in the Official Gazette.
- 3) This Order shall apply to public service vehicles that are mandated to be fitted with Vehicle Location Tracking Device and Emergency Button as per sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centre or such other facility setup by the State or VIT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per the code of practice of AIS 140.
 - (e) The Command and Control Centre or such other facility shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

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appended to this Order

(f) (i) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time as per the code of practice of AIS 140.

The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.

VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.

The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base They shall also update the status relating to the Conformity of Production on the VAHAN data base.

The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.

The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) address and Short Message Service Gateway (SMS gateway) details in the device as notified by the concerned state for sending emergency alerts to the emergency response system of the State or Union Territory concerned.

VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.

The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

(Abhay Damle)

Joint Secretary to the Government of India

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Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140. |S-1683|

2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.

3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:

a) VLT Device make and model

b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable

c) IMEI Number

d) Icc ID Number

e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufactu rer	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport [I] - International Centre for Automotive Technology [V]- Vehicle Research & Development Establishment [F] - Central Farm Machinery Training & Testing Institute [P] - Indian Institute of Petroleum [G] - Global Automotive Research Centre, Chennai	For month and year of manufacture in format MMYY	
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- 4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 2500 tobby, 2018

S.O......Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely: -

- This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AlS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.

- (f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
- (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
- (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
- (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
- (j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.
- (k) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- (l) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.

- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c) IMEI Number
 - d) Icc ID Number
 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
		· ·)	
For name of Manufacturer	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport	For month and year of manufacture in format MMYY	For Production Sr. No.
		[1] - International Centre for Automotive Technology		
		[V]- Vehicle Research & Development Establishment		
		[F] - Central Farm Machinery Training & Testing		
		Institute		
		[P] - Indian Institute of Petroleum		
		[G] - Global Automotive Research Centre, Chennai		

- 4. The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.
- 5. Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

No. RT-11028/12/2015-MVL

(Priyank Bharti)

Joint Secretary to the Government of india

[TO BE PUBLISHED IN THE GAZETTE OF INDIA, EXTRAORDINARY, PART II, SECTION 3, SUB-SECTION (ii)]

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

Notification

New Dalhi, the 25 October,2018.

S.O. ___(E).— In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) *vide* number S.O 1663 (E), dated the 18th April, 2018, the Central Government hereby exempts upto the 1st day of January, 2019 all public service vehicles registered upto the 31st day of December, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in their respective State or Union Territory, as per the applicable law, in regard to the said for public service vehicles registered upto the 31st day of December, 2018.

[No. RT-11028/12/2015-MVL.]

(Priyank Bharti)

Joint Secretary to the Government of India.

[भारत के राजपन्न, असाधारण, भाग 2, खंड 3, उप-खंड (ii) में प्रकाशनार्थ] भारत सरकार सड़क परिवहन और राजमार्ग मंत्रालय

अधिस्चना

नई दिल्ली, तारीख 25 अन्तूबर, 2018

का.आ. (अ).- केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उप-धारा (3) के खंड (क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उप-खंड (ii) में संख्या का.आ. 1663 (अ), तारीख 18 अप्रैल, 2018 द्वारा प्रकाशित भारत सरकार के सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना का अधिक्रमण करते हुए 31 दिसंबर, 2018 तक रजिस्ट्रीकृत सभी सार्वजनिक सेवा यान को मोटर यान अधिनियम, 1988 की धारा 110 की उप-धारा (1) के खंड (ट) के उपबंधों से 01 जनवरी, 2019 तक छूट प्रदान करती है:

परन्तु , उपर्युक्त विनिर्दिष्ट छूट की समय-अविध समाप्त होने के पश्चात संबंधित राज्य या संघ-राज्य क्षेत्र सरकार द्वारा अपने संबंधित राज्य या संघ-राज्य क्षेत्र में 31 दिसंबर, 2018 तक रिजस्ट्रीकृत सभी सार्वजनिक सेवा यानों के लिए उक्त के संबंध में अनुप्रयोज्य विधि के अनुसार उक्त उपबंधों के अनुसरण में यथाविनिर्दिष्ट अपेक्षाओं के अनुपालन हेतु तारीख अधिसूचित कर सकेगी !

(सं. आरटी-11028/12/2015-एमवीएल)

(प्रियांक भारती) संयुक्त सचिव, भारत सरकार

[आरत के राजपत्र, असाधारण, भाग 2, खंड 3, उप-खंड (ii) में प्रकाशनार्थ] भारत सरकार

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, \$5.3 लिए 2018

का.आ. केंद्रीय सरकार की यह राय है कि सभी सार्वजनिक सेवा यान में व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन के अनुकूलन या फिटनेस के संबंध में मानकों को अधिसूचित करने के लिए सार्वजनिक हित में ऐसा करना आवश्यक है।

अब, केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के अधीन प्रदत्त शक्तियों के प्रयोग करते हुए, ऐसे मानकों को निर्दिष्ट करने के लिए निम्नलिखित आदेश देती है, अर्थात -

- 1. इस आदेश का संक्षिप्त नाम मोटर यान (व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन) आदेश, 2018 है।
- 2. यह आदेश राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे ।
- 3. यह आदेश केन्द्रीय मोटर यान नियम, 1989 के नियम 125 ज के उप-नियम (1) में विनिर्दिष्ट सभी सार्वजनिक सेवा यानों को लागू होगा।
- 4. सार्वजनिक सेवा यानों पर व्हीकल ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) लगाने के लिए समग्र दृष्टिकोण निम्नलिखित होगाः
- (क) वीएलटी डिवाइस निर्माता केंद्रीय मोटर वाहन नियम, 1989 के नियम 126 में निर्दिष्ट किसी भी परीक्षण अभिकरणों से अपने डिवाइसों को परीक्षित और प्रमाणित कराएगा।
- (ख) राज्य या संघ राज्य क्षेत्र केंद्रीय मोटर यान नियम, 1989 के 125 ज के नियमों का अनुपालन सुनिश्चित करेंगे और फिटनेंस प्रमाणन के लिए वाहनों की जांच के समय सार्वजनिक सेवा वाहनों में वीएलटी डिवाइस की फिटनेस और कार्यात्मक स्थिति की जांच करेंगे।
- (ग) सार्वजनिक सेवा यान मालिक को किसी भी निर्माता से अपनी पसंद की वीएलटी डिवाइस को चुनने या स्थापित करने की स्वतंत्रता होगी जब तक कि यह केंद्रीय मोटर यान नियम, 1989 के अनुसार अनुमोदित प्रकार का है।
- (घ) राज्य या वीएलटी निर्माताओं या राज्य सरकार द्वारा अधिकृत किसी भी अन्य अभिकरण द्वारा स्थापित कमांड और नियंत्रण केंद्रों या अन्य केंद्र व्यवस्था का उपयोग राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालयों, सड़क परिवहन और राजमार्ग मंत्रालय और इसके

नामित अभिकरणों, डिवाइस निर्माताओं और उनके अधिकृत डीलरों, परीक्षण अभिकरणों, परिमट धारकों आदि विभिन्न हितधारकों को एआईएस 140 संव्यवहार संहिता के अनुसार अंतरापृष्ठ प्रदान करने के लिए किया जाएगा।

- (ङ) यह कमांड और नियंत्रण केंद्र या इस तरह का अन्य कोई केन्द्र / राज्य के वाहन डेटा बेस या राज्य के संबंधित डेटा बेस को स्पीडिंग, डिवाइस की हालत के संबंध में जानकारी भी पहुंचाएगा।
- (च) अनुलग्नक के अनुसार प्रत्येक वीएलटी डिवाइस का विवरण वीएलटी डिवाइस निर्माता द्वारा इसकी सुरक्षित प्रमाणीकृत पहुंच का उपयोग करके वाहन डेटांबेस पर अपलोड किया जाएगा। वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर सार्वजनिक सेवा यानों में वीएलटी उपकरणों को स्थापित करेंगे और वास्तविक्र समय में संबंधित बैकएंड सिस्टम पर वाहन के विवरण के साथ डिवाइस रजिस्ट्रीकृत करांएगें। '
- (छ) सार्वजनिक सेवा यान मालिकों को यह सुनिश्चित करना है कि उनके वाहनों में स्थापित वीएलटी डिवाइस काम करने की स्थिति में हैं और नियमित रूप से सेलुलर कनेक्टिविटी के माध्यम से संबंधित बैकएंड सिस्टम को आवश्यक डेटा भैजते हैं।
- (ज) वीएलटी डिवाइस निर्माता केंद्रीय मोटर यान नियम, 1989 के नियम 126 में निर्दिष्ट परीक्षण अभिकरणों से पहले प्रमाणन के बाद प्रत्येक वर्ष उत्पादन की अनुरूपता के लिए अपने डिवाइस को परीक्षित कराएगा।
- (झ) परीक्षण अभिकरण वाहन डेटा बेस पर उनके द्वारा प्रमाणित वीएलटी उपकरणों का विवरण अपलोड करेंगी। वे वाहन डेटा बेस पर उत्पादन की अनुरूपता से संबंधित स्थिति को भी अपडेट करेंगे।
- (ञ) राज्य या संघ राज्य क्षेत्र इंटरनेट प्रोटोकॉल पता (आईपी पता) और उनके संबंधित आपातकालीन प्रतिक्रिया प्रणाली के लघु संदेश सेवा गेटवे (एसएमएस गेटवे) के विवरण जहां से वीएलटी डिवाइस आपातकालीन बटन दबाए जाने पर आपातकालीन अलर्ट भेजेगा, को प्रकाशित करेंगे।
- (ट) सार्वजनिक सेवा यानों में वीएलटी डिवाइस की स्थापना के समय वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर डिवाइस संबंधित राज्य या संघ राज्य क्षेत्र की आपातकालीन प्रतिक्रिया प्रणाली के लिए आपातकालीन अलर्ट को भेजने के लिए इंटरनेट प्रोटोकॉल पर्ता (आईपी पता) और लघु संदेश सेवा गेटवे (एसएमएस गेटवे) विवरण को समनुरुप बनाएगा।
- (ठ) वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर वीएलटी डिवाइस के लिए व्यापक वारंटी / रखरखाव सहायता प्रदान करेंगे और नए सार्वजनिक सेवा यानों के लिए कम से कम दो वर्ष के लिए सेलुलर कनेक्टिविटी और अन्य वाहनों के लिए एक वर्ष की सुविधा प्रदान करेंगे।
- (ड) वीएलटी डिवाइस निर्माता सार्वजनिक सेवा यान मालिकों के बीच आपसी समझौते के अनुसार अनिवार्य निष्पादन अपेक्षाओं के अतिरिक्त मूल्यवर्धित सेवाएं प्रदान कर सकते हैं।

सार्वजनिक सेवा यानों में रेट्रो-फिट व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) का वाहन-डाटाबेस के साथ एकीकरण।

सार्वजनिक सेवा यानों के लिए व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) के रेट्रो-फिटमेंट हेतु अनुमोदित वीएलटी डिवाइस को वाहन डाटाबेस के माध्यम से विशिष्ट वाहन मॉडल के साथ जोड़ने के संबंध में निम्नलिखित को सुनिश्चित किया जाएगा।

- 1. यान में लगाए गए वीएलटी डिवाइसों को एआइएस: 140 के अनुसार टाइप अनुमोदित किया जाएगा।
- 2. टाइप अनुमोदन के पश्चात एनआइसी द्वारा वाहन पोर्टल पर टाइप स्वीकृति डाटा अपलोड करने के लिए प्रत्येक वीएलटी डिवाइस विनिर्माता को एक, विशिष्ट उपयोगकर्ता, का नाम (यूजरनेम) और पासवर्ड जारी किया जाएगा।

3. वीएलटी डिवाइस विनिर्माता वाहन पोर्टल में प्रत्येक डिवाइस के लिए निम्नलिखित डाटा अपलोड करेंगे:

- क) वीएलटी डिवाइस मेक ऐंड मॉडल
- ख) यथा प्रयोज्य टाइप अनुमोदन प्रमाणपत्र (टीएसी) और/या उत्पादन प्रमाणपत्र (सीओपी)
- ग) आइएमइआइ संख्या
- घ) आइसीसी आइडी संख्या
- ड.) निम्नलिखित प्रारूप के अनुसार विशिष्ट पहचान संख्याः

वार अक्षरात्मक - पंख्यात्मक वर्ण	दो अक्षरात्मक - संख्यात्मक वर्ण	परीक्षण एजेंसी के लिए एक अक्षरात्मक वर्ण	चार संख्यात्मक अंक	आठ संख्यात्मक अंक
विनिर्माता के नाम के लिए	मॉडल के नाम के लिए	[ए] - ऑटोमोटिव रिसर्च एसोसिएशन ऑफ इंड्रिया [सी] - सेंट्रल इंस्टीट्यूट ऑफ रोड ट्रांसपोर्ट [आइ] - इंटरनेश्नल सेंटर फॉर ऑटोमोटिव टेक्नोलॉजी [वी] - व्हीकल रिसर्च एंड डेव्लेपमेंट इस्टेबल्शिमेंट	एमएमवाइवाइ प्रारूप में विनिर्माण के माह और वर्ष के लिए	उत्पादन क्रम संख्या के लिए
į.		[एफ] - सेंट्रल फॉर्म मशीनरी ट्रेनिंग ऐंड टेस्टिंग इंस्टीट्यूट संस्थान		

[पी] - इंडियन इंस्टीट्यूट ऑफ	
पेट्रोलियम	
[जी] - ग्लोबल ऑटोमोटिव	
रिसर्च सेंटर, चेन्नई	

- 4. वीएलटी विनिर्माता के प्राधिकृत डीलर द्वारा वीएलटी डिवाइस को विनिर्दिष्ट सार्वजनिक सेवा यान से जोड़ने के उद्देश्य से वाहन डाटाबेस में विशिष्ट पहचान संख्या दर्ज की जाएगी। यदि वीएलटी डिवाइस को सार्वजनिक सेवा वाहन विनिर्माता द्वारा संस्थापित किया गया है, तो उपर्युक्त प्रक्रिया वाहन विनिर्माता द्वारा की जोएगी।
- 5. क्षेत्रीय परिवहन कार्यालयों द्वारा फिटनेस परीक्षण के समय वीएलटी डिवाइस की विशिष्ट पहचान संख्या सत्यापित की जाएगी।

सं. आरटी-11028/12/2015-एमवीएल

(प्रियांक भारती)

भारत सरकार, संयुक्त सचिव

Subject: Advisory regarding Fitment of Vehicle Location Tracking Device and Panic Buttons

To: transcom@kar.nic.in, transport@rajasthan.gov.in, stcbihar@gmail.com, transport-hp@nic.in, tc@tstransport.in, commi-trans@gujarat.gov.in, tc@aptransport.org, b.siramita@gmail.com, transport.assam@gmail.com, dir-tran.goa@nic.in, Cot.jdt@gmail.com, stcharyana@hry.nic.in, tptcommissionerjk@gmail.com, transport.jhr@gmail.com, dctbngr-tran-ka@nic.in, tc@keralamvd.gov.in, mlkumars@yahoo.com, comtrans21@yahoo.com, sectrp@gmail.com, stc.punjab01@gmail.com, secy@gmail.com, tc.tn@nic.in, tc@tstransport.in, tc-up@nic.in, deptuk@gmail.com, Pkdutta230259@gmail.com, dc-chd@nic.in, acs.transport@maharashtra.gov.in, pstransport@mp.gov.in, dibakarsrmvi@gmail.com, commtpt <commtpt@nic.in>, maneeshshrivastav2010@gmail.com, balujaanu1@gmail.com, b.sriramitanagar@gmail.com, transecy-bih@nic.in, ps.home.cg@gov.in, prsecy-pwd.goa@gov.in, sectrans@gujarat.gov.in, dhillonss@hry.nic.in, tptsecy-hp@nic.in, hpsanjaygupta@gmail.com, transport.jhr@gmail.com, secytransport@gmail.com, acs.transport@maharashtra.gov.in, mlkumars@yahoo.com, secyfcs-ngl@nic.in, moamsong_a@yahoo.com, fc.rdp@punjab.gov.in, transport@rajasthan.gov.in, transec@tn.gov.in, secy_trb@telangana.gov.in, tc.tn@nic.in, deptuk@gmail.com, Sec.transportwb@gmail.com, alapan.bd@gmail.com, sectransport@wb.gov.in, adt-dnh@nic.jn, rtodaman-dd@nic.in,

Cc: JS Sir (MVL) <jspb-morth@gov.in>, Dharkat R Luikang <dharkat@nic.in>, DS Sir Morth <ds1-morth@gov.in>, jitendra kumar <kumarjitendrajha@hotmail.com>, Jitendra Kumar <jitendra.kumar13@nic.in>, Anand Shrivastava <anand.ks@nic.in>, K C Sharma Sir <kcsharma1965@gmail.com>, Ritesh Dahiya <riteshdahiya619@gmail.com>, Gopindra kumar <gopindra.kumar@nic.in>, nv221091@gmail.com

secy@transportkerala.gov.in, commtpt@nic.in, ctsec.or@nic.in

Adviosry regarding fitment of Vehicle Location Tra... (787kB)

Madam/Sir,

Please find attached advisory regarding Fitment of Vehicle Location Tracking Device and Panic Buttons for kind inforamtion and necessary action.

Warm regards,

Nitin Verma, ASO, MVL Section, Ministry of Road Transport and Highways, Tel.-011-23715211 email-nitinverma.rth@gov.in

Date: 10/31/18 02:37 PM

From: "Nitin Verma" <nitinverma.rth@gov.in>

No. RT-11028/12/2015-MVi. भारत सरकार

Government of India

भड़क परिवर्ग और राजमार्ग मंत्रालय Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1. Parliament Street, New Delhi-110001

Dated the, 31st October, 2018

To

1) The Principal Secretaries/The Secretaries, Department of Transport

 The Transport Commissioners of all the States/UT Administrations

Subject:

Fitment of Vehicle Location Tracking Device and Panic Buttons

Sir/Madam.

Please refer to the notification G.S.R 1095 (E) dated 28th November, 2016 wherein Vehicle Location Tracking Device and Panic Buttons (VLT) were mandated to be fitted in all public service vehicles w.e.f. 01st April, 2018. Subsequently, Ministry exempted all public service vehicles from the purview of provisions of rule 125H of the Central Motor Vehicles Rules 198 9upto 01st April, 2019 through Notification No. S.O 1663(E) dated 18th April, 2018 as it had come to the notice of this Ministry that there were difficulties in implementing Vehicle Location Tracking Device and Panic Buttons due to lack of command and centrol centers to monitor and track the vehicles.

- 2. In the meantime, various meetings and product demonstrations have been held in which various Vehicle Location Tracking Device manufacturers have shown functionalities which are to be provided through the backend system for tracking Vehicle and setting up of a facility in the States/UTs.
- 3. In view of the above, the matter has been examined in the Ministry, and it has been decided to give exemption to all the public service vehicles which are registered upto 31stDecember, 2018 (old vehicles) from thefitment of Vehicle Location Tracking Device and Panic Buttonstill the time as notified by State/UT Governments in their respective States/UTS as per clause (b) of sub-section 3 of section 110 of the Central Motor Vehicle Act, 1988. The notification to this effect have been issued.
- 4. All public service vehicles registered on and after 01st January, 2019 have to be fitted with Vehicle Location Tracking Device and Panic Buttons.
- 5. The States may take services from VLT device manufacturers till the States have their own backend system available. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31st December, 2018.

Encls: As above

Yours faithfully.

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tele: 23357125 e-mail: dharkat@nic.in

164 July 18



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II-Section 3-Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 317]

नई दिल्ली, सोमवार, नवम्बर 28, २०१६/अग्रहायण 7, 1938

No. 817]

NEW DELHI, MONDAY, NOVEMBER 28, 2016/AGRAHAYANA 7, 1938

त्रज्ञक परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 28 नवंबर, 2016

सा.का.नि. 1095(अ).—केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए पारूप नियम भारत सरकार में राड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग II. खंड 3. उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अविध की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करनाई गई थीं ; उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है;

अतः, केन्द्रीय सरकार मोटर यान अधिनियमः 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (20 संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे : परंत यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात :-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा:
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1938 का 59) के अधीन अनुज्ञा-पत्र (परिनट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं।
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने क्षंपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे लब तक तत्स्थानो बीआईएस विनिदेंश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं"।

[सं. आरटी- 11028/12/2015-एमबीएन]

अभय दामले, संयुवन सचिव

सूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.िन. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. 1034 (अ), तारीख 02.11.2016 को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 28th November, 2016

G.S.R. 1095(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2rd May, 2016 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely: --

- (1) These rules may be called the Central Motor Vehicles (Twentieth Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.

2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted; namely,-

"125 H. Provision of vehicle location tracking device and emergency button.-

(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped withor fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Stan lards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in sub-tille (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AfS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are no iffed under the Bureau of Indian Standards Act, 1986.".

[No.R: -11028/12/2015 MVL]

AB TAY DAMLE, Jt. Secv.

Note: The principal rules, were published in the Gazette of adia, Extraordinary, Part-II, section 3, sub-section (i) vide notification unabor C.S.R.500(E), dated the 2nd June, 1989 and lest amended vide notification number G.S.R. 024(E) dated the 2nd November, 2016

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REGD. No. D.3.-30004/99



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EXTRAORDINARY

भाग II-खण्ड 3-3प-खण्ड (ii)

PART II-Section 3-Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1509]

नई दिल्ली, बुधवार, अप्रैल 18, 2018/चैत्र 28, 1940

No. 1509]

NEW DELHI, WEDNESDAY, APRIL 18, 2018/CHAITRA 28, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 18 अप्रैल, 2018

का.आ. 1663(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उप-धारा (3) खण्ड (क) द्वारा प्रदत्त भाक्तियों का प्रयोग करते हुए, सभी सार्वजनिक सेवा यान को तारीख 1 अप्रैल. 2019 तक, केन्द्रीय मोटर यान नियम, 1989 के नियम 125ज के लागू होने से (यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित होने या फिट होने से), एतदद्वारा छूट प्रदान करती है।

[सं.आर.टी-11028 / 12 / 2015-एम.वी.एल.]

अभय दामले, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 18th April, 2018.

S.O. 1663(E).—In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby exempts all public service vehicles from the provisions of rule 125H of the Central Motor Vehicles Rules. 1989 (of equipped with or fitted with vehicle location tracking device and one or more emergency buttons) upto the 1st day of April, 2019.

[No. RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

2268 GI/2018



असाधारण

EXTRAORDINARY

গাণ II—खण्ड 3—उप-জण्ड (ii) PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

7. 4249] No. 4249] नई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/कार्तिक 4, 1940

NEW DELHI, FRIDAY, OCTOBER 26, 2018/KARTIKA 4, 1940

सड़क परिवहन और राजमार्ग पंत्राजय

अधिसूचना

नई दिल्लो, 25 अक्तूबर, 2018

का.आ. 5454 (अ).—केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (3) के खंड (क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और भारत के राजपत्र, असाधारण, भाग प्र, खंड 3, उपखंड (ii) में संख्या का.आ. 1663 (अ), तारीख 18 अप्रैल, 2018 द्वारा प्रकाशित भारत सरकार के सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना का अधिक्रमण करते हुए 31 दिसंबर, 2018 तक रजिस्ट्रीकृत सभी सार्वजनिक सेवा यान को मोटर यान अधिनियम, 1988 की धारा 110 की उपधारा (1) के खंड (ट) के उपबंधों से 01 जनवरी, 2019 तक छूट प्रदान करती है:

परन्तु , उपर्युक्त विनिर्दिष्ट छूट की समय-अवधि समाप्त होने के पश्चान संबंधित राज्य या संघ-राज्य क्षेत्र सरकार द्वारा अपने संबंधित राज्य या संघ-राज्य क्षेत्र में 31 दिसंबर, 2018 तक रिजस्ट्रीकृत सभी सार्वजनिक सेवा यानी के लिए उक्त के संबंध में अनुप्रयोज्य विधि के अनुसार उक्त उपबंधां के अनुसरणामें यथाविनिर्दिष्ट अपेक्षाओं के अनुपालन हेतु तारीख अधिसूचित कर सकेगी।

[फा. सं. आरटी-11028/12/2015-एमबीएल-भाग-]] प्रियांक भारती, संयुक्त सचिव

NOTIFICATION

New Delhi, the 25th October, 2018

S.O. 5454 (E), -In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor bicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India Extraordinary, Part II, Section 3, Sub-section (ii) vide number 5 O 1663 (E), dated the 18th April, 2018, the Central Government hereby exempts upto the 1st day of January, 2019 all public service vehicles registered upto the 31st day of December, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union Territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in their respective State or Union Territory, as per the applicable law, in regard to the said for public service vehicles registered upto the 31st day of December, 2018.

> [F. No. RT-11028/12/2015-MVL Pt. I] PRIYANK BHARTI, Jt. Secv.

PART II-SEC. No.4



असाधारण EXTRAORDINARY

भाग II---खण्ड 3--उप-खण्ड (ii) PART II-Section 3 -- Sub-section (ii)

पाधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 4248) No. 4248] नई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/लार्तिक 4, 1940

NEW DELHI, FRIDAY, OCTOBER 26, 2018/KARTIKA 4, 1940

सहक परिवहन और राजभागें मंत्रालय

विष्म्चना

नई दिल्ली, 25 अक्तूबर, 2018

का. आ. 5453(अ).--केंद्रीय सरकार की यह राय है कि सभी सार्वजनिक सेवा दान में (व्हीकल लोकेशन टैकिंग डिवाइस और आपातकालीन बटन के अनुकुलन या फिटनेस के संतंध में मानकों को अधिसूचित करने के लिए सार्वजनिक हित में ऐसा करना आवश्यक है।

अयः केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के अक्षीन प्रवत्त शक्तियों के प्रयोग करते हुए, ऐसे मानकों को निर्दिष्ट करने के लिए निम्नलिखित आदेश देती है, अर्थात्-

- 1. इस आदेश का संक्षिप्त नाम मोटर यान (व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन) आदेश, 2018 है।
- 2. यह आदेश राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे।
- 3. यह आदेश केन्द्रीय मोटर यान नियम, 1989 के नियम 125 ज के उप-नियम (1) में विनिर्दिष्ट सभी सार्वजनिक सेवा यानों को लागू होगा।
- 4. सार्वजनिक सेवा यानों पर व्हीकल ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) लगाने के लिए समग्र दष्टिकोण निम्नलिखित होगा:
- (क) बीएलटी हिवाइस निर्भाता केंद्रीय शोटर बाहन नियम, 1989 के नियम 126 में निर्दिष्ट किसी भी परीक्षण अभिकरणों से अपने डिवाइसों को परीक्षित और प्रमाणित कराएगा। 5798 (H/2018

- (इ) राज्य था संघ राज्य क्षेत्र केंद्रीय मोटर यान नियम, 1989 के 125 ज के नियमों का अनुपालन सुनिश्चित करेंगे ार फिटनेस प्रमाणन के लिए वाहनों की जांच के समय सार्वजनिक सेवा बाहनों में बीएचटी डिवाइस की फिटनेस ार कार्यात्मक स्थिति की जांच करेंगे।
- (ा) सार्वजनिक सेवा यान मालिक को किसी भी निर्माता से अपनी पसंद की वीएलटी डिवाइस को चुनने या स्थापित करने की स्वतंत्रता होगी जब तक कि यह केंद्रीय मोटर यान नियम, 1989 के अनुसार अनुमोदित प्रकार का
- (घ) राज्य या वीएलटी निर्माताओं या राज्य सरकार द्वारा अधिकृत किसी भी अन्य अभिकरण द्वारा स्थापित कमांड और नियंत्रण केंद्रों या अन्य केंद्र व्यवस्था का उपयोग राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालयों, सड़क परिवहन और राजभार्य मंत्रालय और इसके नामित अभिकरणों, डिवाइस निर्माताओं और उनके अधिकृत डीलरों, परीक्षण अभिकरणों, परिमट धारकों आदि विभिन्न हितधारकों को एऔईएस 140 संव्यवहार संहिता के अनुसार अंतरापृष्ठ प्रदान करने के लिए किया जाएगा।
- (ं) यह कमांड और नियंत्रण केंद्र या इस तरह का अन्य कोई केन्द्र / राज्य के वाहन डेटा बेस या राज्य के संबंधित हेटा बेस को स्पीडिंग, डिवाइस की हालत के संबंध में जानकारी भी पहुंचाएगा।
- (च) अनुलग्नक के बनुसार प्रत्येक वीएलटी डिवाइस का विवरण वीएलटी डिवाइस निर्माता द्वारा इसकी सुरक्षित प्रवाणीकृत पहुंच का उपयोग करके वाहन डेटाबेस पर अपलोड किया जाएगा। वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर सार्वजनिक सेवा यानों में वीएलटी उपकरणों को स्थापित करेंगे और वास्तविक समय में संबंधित केतएंड सिस्टम पर वाहन के विवरण के साथ डिवाइस रजिस्ट्रीकृत करांएगें।
- (छ) सार्वजनिक सेवा यान मालिकों को यह सुनिश्चित करना है कि उनके वाहनों में स्थापित वीएलटी डियाइस काम करने की स्थिति में हैं और नियमित रूप से सेलुलर कनेक्टिबिटी के माध्यम से संबंधित बैकाएंड सिस्टम को आवश्यक हैटा भेजते हैं।
- (ा) वीएलटी डिवाइस निर्माता केंद्रीय मोटर यान नियम, 1989 के नियम 126 में निर्दिष्ट परीक्षण अभिकरणों से पहले प्रमाणन के बाद प्रत्येक वर्ष उत्पादन की अनुरूपता के लिए अपने डिवाइस को परीक्षित कराएगा।
- (झ) परीक्षण अभिकरण वाहन डेटा बेस पर उनके द्वारा प्रमाणित वीएलटी उपकरणों का विवरण अपलोड करेंगी। वे बाहन डेटा बेस पर उत्पादन की अनुरूपता से संबंधित स्थिति को भी अपडेट करेंगे।
- (अ) राज्य या संघ राज्य क्षेत्र इंटरनेट प्रोटोकॉल पता (आईपी पता) और उनके संबंधित आपातकालीन प्रतिक्रिया प्रणाली के लघु संदेश सेवा गेटवे (एसएमएस गेटवे) के विवरण जहां से वीएलटी डिवाइस आपातकालीन बटन दवाए जाने पर आपातकालीन अलर्ट भेजेगा, को प्रकाशित करेंगे।
- (ट) सार्वजनिक सेवा यानों में वीएलटी डिवाइस की स्थापना के समय वीएलटी डिवाइस निर्माता या उनके अधिकृत ही लर डिवाइस संबंधित राज्य या संघ राज्य क्षेत्र की आपातकालीन प्रतिक्रिया प्रणाली के लिए आपातकालीन अलर्ट की भेजने के लिए इंटरनेट प्रोटोकॉल पता (आईपी पता) और लघु संदेश सेवा गेटवे (एसएमएस गेटवे) विवरण को सममुक्त बनाएगा।
- (ट) वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर वीएलटी डिवाइस के लिए व्यापक वारंटी / रखरखाव सहायता प्रदान करेंगे और नए सार्वजनिक सेवा यानों के लिए कम से कम दो वर्ष के लिए सेलुलर कनेक्टिविटी और अन्य वाहनों के लिए एक वर्ष की सुविधा प्रदान करेंगे।
- (ः) वीएलटी डिवाइस निर्माता सार्वजनिक सेवा यान मालिकों के बीच आपसी समझौते के अनुसार अनिवार्य । निष्पादन अपेक्षाओं के अतिरिक्त मूल्यवर्धित सेवाएं प्रदान कर सकते हैं।

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वित्रसम्ब

सार्वजनिक सेमा यानी में रेट्रो-फिट व्हीकल लोकेशन ट्रेकिंग डिवाइस और आपातकालीन उटन (वीएलटी) का बाहन-डाटाबेस के साथ एकीकरण।

सार्वजनिक सेवा यानों के लिए व्हीकल लोकेशन ट्रैकिंग हिवाइस और आपातकालीन वटन (वीएलटी) के रेट्रो-फिटमेंट हेलु अनुमोदित वीएलटी डिवाइस को वाहन डाटाबेस के माध्यम से विशिष्ट वाहन मॉडल के साथ जोड़ने के संबंध में निम्नलिखित को सुनिश्चित किया जाएगा।

- 1. यान में लगाए गए वीएलटी डिवाइसों को एआइएस: 140 के अनुसार टाइप अनुमोदित किया जाएगा।
- 2. टाइप अनुमीदन के पश्चात एनआइसी द्वारा वाहन पोर्टल पर टाइप स्वीकृति डाटा अपलोड करने के लिए प्रत्येक वीएवटी डिदाइस विनिर्माता को एक विशिष्ट उपयोगकर्ता का नाम (यूजरनेम) और पासवर्ड जारी किया जाएगा।
- 3. त्रीएलटी डियाइस विनिर्माता वाहन पोर्टल में प्रत्येक डिवाइन के तिए निम्नलिखित डाटा अपलोड करेंगे:
 - क) वीएलटी डिवाइस मेक ऐंड मॉडल
 - ख) यथा प्रयोज्य टाइप अनुमोदन प्रमाणपत्र (टीएसी) और/या उत्पादन प्रमाणपत्र (सीओपी)
 - ग) आइएमइआइ संख्या
 - घ) आइसीसी आइडी संख्या
 - इ.) निम्नलिखित पारूप के अनुसार दिशिष्ट पहचान संख्या:

भार बद्धारात्मक - शंख्यात्मक वर्ण	दो अक्षरास्त्रक - संबंधारतक वर्ण	परीक्षण एउँ ती के जिए एक शहररत्मक वर्ण	चार संख्यात्यक संक	ब्राट संख्यात्मक वंक
1 to 100				N.C #24(412: #4
विनिर्माता के नाम के लिए	मॉडल के नाम के लिए	[ए] - ऑटोमोटिव रिसर्च एसोसिएशन ऑफ इंडिया [सी] - सेंट्रल इंस्टीट्यूट ऑफ रोड ट्रांसपोर्ट [आइ] - इंटरनेश्नल सेंटर फॉर	एनएमवाइवाइ प्रारूप में विनिर्माण के माह और वर्ष के लिए	उत्पादन क्रम संख्या के लिए
Ĭ.		ऑटोमोटिव टेक्नोलॉजी [वी] + व्हीकल रिसर्च ऐंड डेव्लेपमेंट । इस्टेबरिशमेंट		•
		[एफ] - सेंट्रल फॉर्म मशीनरी ट्रेनिंग ऐंड टेस्टिंग इंस्टीट्यूट संस्थान [पी] - इंडियन इंस्टीट्यूट ऑफ पेट्रोलियम		
		चूर्ताराचन [जी] - ग्लोवल ऑटोमोटिव रिसर्च सेंटर, चेन्नई		are annual property and a second

4. वीएलटी वितिर्माता के प्राधिकृत डीलर द्वारा वीएलटी डिवाइस की विनिर्दिष्ट प्रार्वजनिक सेवा यान से जोड़ने के उद्देश्य से वाहन डाटाबेस में विशिष्ट पहुचान संख्या दर्ज की जाएगी। यदि वीएलटी डियाइस को सार्वजनिक सेवा वाहन विनिर्माता द्वारा संस्थापित किया गया है, तो उपर्युक्त प्रक्रिया वाहन विनिर्माता द्वारा की जाएगी।

 क्षेत्रीर पारंबहन कार्यालयों द्वारा फिटनेस परीक्षण के समय बीएलटी डिवाइस की विशिष्ट-पहनान संख्या सत्यापित की जाएगी।

> [सं. आरटी-11028/12/2015-एमबीएल] प्रियांक भारती, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 25th October, 2018

S.O. 5453(E).—Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act. 1988 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button)
 Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres of such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.
 - (f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
 - (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
 - (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
 - (j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Mescage Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.

- (k) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Proceed address (IF address) and Short Message Service Gateway (SMS gareway) details in the device for sending emergency alorts to the emergency response system of the State or Union Territory concerned.
- (i) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the recro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - b) Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as approable
 - c) IMEI Number
 - d) Icc ID Number
 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport [I] - International Centre for Automotive Technology [V]- Vehicle Research &	For month and year of manefacture in format MMYY	For Production Sr. No.
		Development Establishment [F ₄] - Central Farm Machinery Training & Testing Institute [P] - Indian Institute of Petroleum [G] - Global Automotive Research Centre, Chennai		(:
l.				

The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer. Regional Transport Offices shall verify the unique identification number of VLT device at the time of

fitness testing.

[No. RT-11028/12/2015-MVL] PRIYANK BHARTI, Jt. Secy.



No. RT-11028/12/2015-MVL

भारत सरकार

Government of India सड़क परिवहन और राजमार्ग मंत्रालय

Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001 Dated the.

4th January, 2019

To

Shri Gautam Ghosh, DDG, NIC, NIC Building, CGO Complex, Lodhi Road, New Delhi-110003.

Subject: Integration of AIS 140 compliant BSNL solution with VAHAN for implementation of Vehicle Location Tracking Device and Panic Buttons.

I am directed to refer to letter no. VAS-8/M2M/2018 dated 9th December, 2018 received from GM (VAS), BSNL and to write that it has been decided that an API may be provided to BSNL for integration of VLT device with VAHAN database for registration, activation, health check and alert updates of VLT devices. Yours faithfully,

Encls: As above

(Dharkat R. Luikang)

Under Secretary to the Government of India (MVL) Tel-23357125

E-mail: dharkat@nic.in

Copy to:-

1. Shri D.K Agrawal, GM(VAS), 2nd Floor, Bharat Sanchar Bhavan, Harish Chandra Mathur Lane, Janpath, New Delhi 110001 Email:- dkagrawalgm@gmail.com

VAS CELL

2nd floor, Bharat Sanchar Bhavan,

Harish Chandra Mathur Lane, Janpath

ew Delhi - 110001

Tel.: 011 - 23312300 Fax: 011 - 23734052

Email: dkagrawalgm@gmail.com



भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)

BHARAT SANCHAR NIGAM LTD.

(A Government of India Enterprises)

Dated 19th December 2018

NO. VAS-8/ M2M/2018

To The Joint Secretary, Ministry of Road Transport and Highways Transport Bhawan-1, Parliament Street, New Delhi-110001

Subject: Integration of AIS 140 Complaint BSNL solution with VAHAN -reg.

Respected Sir,

Ministry of Road Transport and Highways (MoRTH) vide notification No. 817 dated 28th November 2018 has mandated all Public Service Vehicle to be equipped with Location Tracking Device and emergency buttons in accordance with AIS 140: 2016.

- 2. BSNL as 100% Govt. owned PSU would like to contribute in this great initiative of Govt. of India. BSNL has emerged as a leading Machine-to-Machine (M2M) Service Provider in India is currently providing connectivity to over 150,000 vehicles in India.
- 3. BSNL has successfully tested and verified the solution with several Vehicle Location Tracking (VLT) manufacturers by providing log-in to the BSNL System. BSNL is also interacting with State Govt. to start utilising the facility provided in number of vehicles to enable the desired services.
- 4. BSNL would like to request for sharing API for integration to VAHAN for fulfilling the interfaces required in the SO 5453 dated 26.10.2018. BSNL has also taken up with NIC for interface details of the same.

BSNL is committed to support the Digital India Mission.

Thanking you,

D. K. Agrawal GM (VAS)

पंजीकृत एवं निगमित कार्यालय : भारत संचार भवन, हरीश चन्द्र माथुर लेन, जनपथ, नई दिल्ली-110001 Regd. & Corporate Office: Bharat Sanchar Bhawan, H.C. Mathur Lane, Janpath, New Delhi-110001 Website: www.bsnl.in

SMART MOBILIT

19 Dec 2018

To, The Joint Secretary, Ministry of Road Transport and Highway, New Delhi

SUB: REQUEST FOR VAHAN API INTEGRATION WITH BSNL BACKEND FOR IMPLEMENTATION AND INSTALLATION OF AIS 140 DEVICE.

Respected Sir,

The undersigned is a representative body of the leading GPS device Manufacturers in India, constituted on 23.09.2018 vide its registration under the Haryana Registration and Regulation of Societies Act, 2012.

The Association has been constituted with a clear objective to carry out effective implementation of the AIS 140 tracking device Policy, ensure statutory compliances and self-regulation so that the Association with the collective participation and encleavor of its constituent members can enable the realization of the objectives of the policy. Our members include over 20 leading manufacturing companies in India.

As you must be aware that implementation will start by 1st January 2019, we have got developed a common backend meeting AIS-140/IS-16833 along with BSNL and would request you to enable us to have integration with VAHAN through API with BSNL common backend. As BSNL has a lot of experience in respective fields for working in all states and UTs all over India. The association already have consent from members for the same.

You are requested to kindly issue directions for the same asap.

Thanking You

With Redards, 4 Spirit Mobil Association

Rain Areras

+91-9810004632

F : Combined list of VLT approvals as per AIS 140

Priyank Bharti JS MORTH < jspb-morth@gov.in>

Thu 1/17/2019, 4:54 PM

Cc: Jitendra Kumar MvL MORTH Email < kumarjitendrajha@hotmail.com>; 'DHARKAT L Email' < dharkat@nic.in>

2 attachments (26 KB)

ICAT.xlsx; ARAI.xlsx;

Dear Raman

Have it placed on the morth website

Regards

Priyank Bharti Joint Secretary Government of India Ministry of Road Transport and Highways Room No 324 Transport Bhawan 1 Parliament Street New Delhi 110001 Phone +91-11-23717294

From: seema.babal@acma.in Sent: 17 January 2019 15:47

Cc: vijayanta.ahuja@icat.in; kulkarni.shl@araiindia.com; shinkar.aed@araiindia.com; desai.aed@araiindia.com;

dinesh.tyagi@icat.in; dharkat@nic.in; usharite@acma.in Subject: Combined list of VLT approvals as per AIS 140

Kind Attn:

Mr Priyank Bharti Joint Secretary, MoRTH

Dear Sir.

I am writing to you in reference to our conversation to provide the list of approved VLT manufacturers.

Please find enclosed the list of Vehicle Location Tracking (VLT) Device manufacturers, who have got their devices type approved either from ARAI or ICAT. As suggested, you may upload the attached list (provided by ARAI and ICAT) on MoRTH website or link be given at VLTD Portal, for users ready reference.

Further, it has been brought to our notice that the attached list gets updated every week or fortnight, as part of working procedures of testing bodies. In

ARAI Approved models - AIS 140 2 Supported Alphanum Alphanume GNSS erical TAC No. and rical Model No/Part constellatio Report No & Date Characters Date Characters Company Name & Contact Person Model Name n for name Sr. No for name of No. AK9001 21 KPIT GP5 KPIT Technologies Ltd, Pune ARAI/AED/CT/OC- 1718-Dt:03-Jan-VTS-01-021 8223/1424 VTS-01-021 2019 Dated: 07-Feb-2018 vishwajit.joshi @kpit.com M No: 9850981526 AK9001 ARAI/AED/CT/OC- 1718-22 KPIT GPS KPIT Technologies Ltd, Pune Dt:03-Jan-8223/1424 VTS-01-022 VTS-01-022 2019 Dated: 07-Feb-2018 vishwajit.joshi@kpit.com M No: 9850981526 ACON 40 ARAI/AED/CT/OC- 1718-GPS Accolade Electronics Pvt. Ltd, ACONITS140 | AEPL 12 07 01 9118/1492 3 Dated: 21-Feb-2018 sunil@accoladeelectronics.com ACON ARAI/AED/CT/SO- 1819-4A Accolade Electronics Pvt.Ltd, Pune GPS 3000001697/298 ACONITS140 AEPL 12 07 01 Dated: 15-June- 2018 sunil@accoladeelectronics.com 1 M No: 07304748501 PRIC ARAI/AED/CT/OC- 1718-GPS PricolLimited P50-3470-00 9131/1552 TCII Dated: 05-March- 2018 rajagopal@pricol.co.in M No: 09619780635 ARAI/AED/CT/OC- 1718-GPS Wabco InidaLimited 346 000 005 0 9778/1561 VTS sureshgayakwad.j@wabcoauto.co Dated: 07-March- 2018 AK9002 AUTO G1 ARAI/AED/CT/OC- 1718-Autocop India Pvt. Ltd GPS ITS Dt: 09-Jan-10153/1637 TLG-1000 2019 System Dated: 20-Marcg- 2018 vivekrane@autocop.in TLG-100 M No: 09766200573 AK9012 ARAI/AED/CT/OC- 1718-18 NAPL NIPPON AUDIOTRONIXPVT, LTD GPS Vehicle Dt: 15-Jan-10481/1629 NVT-1820-U 2019 tracking Dated: 19-March-2018 amitsharma@nipponaudio.com device M No: 09811991178 AK9010 ARAI/AED/CT/OC- 1718-TE NAPL NIPPON AUDIOTRONIX PVT.LTD GPS Dt: 15-Jan-Vehicle 9462/1648 NVT-1820-T tracking 2019 Dated: 21-March - 2018 amitsharma@nipponaudio.com 9 device M No: 09811991178 AK9011 ARAI/AED/CT/OC- 1718-NA NAPL NIPPON AUDIOTRONIX PVT.LTD GPS Vehicle Dt: 15-Jan-10481/1653 NVT-1820-N 2019 tracking Dated: 21-March-2018 amitsharma@nipponaudio.com device M No: 09811991178 AK9003 ARAI/AED/CT/OC- 1718-IT CEIN CE Info Systems Pvt. Ltd GPS Vehicle Dt:11-Jan-VT 15 AIS/ 8739/1680 tracking 2019 Dated: 27-Mar-2018 R04034 vishal@mapmyindia.com device M.No: 8447368441 ARAI/AED/CT/OC- 1718-M/s Trimble Inc. TMSI-17C and GPS TRIB , Vehicle 8547/01 TMSI-17D Tracking Dated: 03-April-2018 12 Jayant Wagh Device jayant_wagh@trimble.com M No: 09422020866 ARAI/AED/CT/SO- 1819-Reliance Retail Ltd GPS JVT 1440 3000000822/102 GPS tracker Anand.Shardul@ril.com Dated: 28-April-2018 M No: 09082961329 AS Unidad Techno Labs Pvt. Ltd LINID ARAI/AED/CT/SO- 1819-GPS VER:P20312201 3000001159/158 UN AIS140 14 Dated: 15-May-2018 ceo@unidadindia.com M No:09633000035 Accord Software & System Pvt. Ltd ARAI/AED/CT/SO- 1819-57 ACRD GPS NAVI-TRACK 3000000345/237 Sudhir NS NAVI-TRACK 257 Dated: 01-June-2018 15 sudhirns@accordsoft.com M No: 09845853860 Transight Systems Pvt.Ltd ARAI/AED/CT/SO- 1819-GPS 3000001249/256 Transight Compass 16 chairman@trasight.in; 5V2.1 Dated: 04-June-2018 ceo@transight.in M No: 9567855155

Bh	nausaheb Gore gore@chemito.net	/ehicle Tracking device	CHVTS-A	300	DO001683/405 ed: 06-July 2018		GPS		
A P	No: 07506642202 rya Omnitalk Wireless Solutions rivate Limited (alyan Yermalkar	Vehicle Tracking device	AUTOTRAX 6	30	AED/CT/SO- 1819- 000000414/401 ed: 06-July-2018	AK9004 Dt:11-Jan- 2019	GPS	AOTK	65
k I	kyermalkar@aryaomnitalk.com Mercydaz instrumention inc Biju Poulose	Mercyda Vehicle Tracking	VTS140	3	/AED/CT/SO- 1819- 000000427/402 ted: 06-July-2018		GPS	ME18	V1
-	bijumercyda@gmail.com M No: 08884277728 AVANCER SOFTWARE SOLUTIONS PVT. LTD.	Vehicle Tracking Device	AVA-J140		I/AED/CT/50- 1819- 3000001684/340 ated: 25-June-2018		GPS	AV18	J1
21	Vipin.M.Jacob vipinjacob@avancer.in Gen Y Ventures Pvt. Ltd (Indian Auto Company)	Vehicle Tracker	IAC-140		Al/AED/CT/SO- 1819- 30000001813/430 Dated: 13-July 2018	AK9009 Dt: 15-Jan-) 2019	GPS	IAC1	D1 ₄
22	corporate@indianautocompany. Roadpoint ltd	GAGAN-01	GAGAN-0		AI/AED/CT/SO- 1819- 3000002732/637 ated: 23-August-2018	AK9005 Dt:11-Jan- 2019	GPS	ROAD	RP
22	M No:09999299994 MSD Telematics Pvt. Ltd	traQmate	traQmate	140 A	RAI/AED/CT/SO-1819- 3000002684/635 ated: 23-August-2018	AK9006 Dt: 15-Jan- 2019	GPS	MSDT	TQ
23	M No: 9811057750 Pointer Telocation India Pvt.Ltd	Cello CAN	liQ- Cello CAI	A A	ARAI/AED/CT/SO1819- 3000002205/636 Dated: 23-August-2018	AK9008 Dt:15-Jan- 2019	GPS	PNT1	C1
24	M No: 9975801632 J-Technologies India Ltd	JT	140		ARAI/AED/CT/SO- 1819- 3000003038/806 Dated: 27-Sep-2018		GPS	JTIL	J1
1	M No: 8807343109 Shireen Electronics Private Lin info@trakingpro.com M No: 7980278180	Vehicle Tracker	TPro-05		ARAI/AED/CT/SO- 1819- 3000002979/807 Dated: 27-Sep-2018	AK9007 Dt: 15-Jar 2019	- GPS	TPRO	05
	M No: 7980278160 M/s Trimble Inc. 27 Jayant Wagh jayant_wagh@trimble.com	Vehicle Trackin Device			AI/AED/20182019/3000 4298/CT/1222 Dated: 17-Dec-201	000	GPS	TRIB	TF

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2	Mir	ishek@itriangle.in nda iConnect Pvt. Ltd. Mandeep	A 885	E	EL-A404-M01	CTC	GN0080 ed 08.03.2018		8002 dated .01.2019	GP	S	M1PL	A	1
3	Min	ndeepbhandari@mindag nda iConnect Pvt. Ltd. . Mandeep ndeepbhandari@mindag	A 884		EL-A403-M01	CTO	0GN0084 ted 10.03.201		(8002 dated 1.01.2019	GI	os	M1PL	E	1
4	Mi	p.com nda iConnect Pvt. Ltd. r. Mandeep andeepbhandari@minda	A 883	3	EL-A402-M0	1 CT	OGN0083 ated 10.03.201		K8002 date	d G	PS	M1PL		21
	M	ip.com inda iConnect Pvt. Ltd. r. Mandeep andeepbhandari@minda	Λ 88	2	EL-A401-M0	1 C	TOGN0082 ated 10.03.20		K8002 date	ed c	6PS	M1P	L	D1
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	8	.in Rosmerta Autotech Pvt. L Mr. Ashwani kumar; info@rosmertaauto.com,	VTI)-10	RM16-636		CT0GN0125 Dated 30.03.2		CK8007 da		GPS	RAS	10	V1
		TEDI (INDIA) PRIVATE LIMITED Mr. Subramanian;		-01	TEDI-ITS-0	1	CT0GN0153 Dated 07.05.2	018	CK8011 da		GPS	T1	E2	D3
	10	admin@tediindia.com Volty IOT Solutions Pvt. I Mr. Konark; konark@voltyit.com		anSyno	TSAIS140	V102	CT0GN0152 Dated 18.05.2	2018	CK8001 d		GPS	VL	.Y1	A2
	11	GRL Engineers Private Limited Mr. Rahul	TI	RACK ECH/GI	RL- VTS-001		CT0GN0165 Dated 24.05.	201	CK8004 d		GPS	G	RL6	T4
	12	rahul@grlengineers.net Autograde Internationa Private Limited Mr. Shoaib Mohammed shoaib@autograde.in	D	UTOGI E ARUD 40	AG-G140		CT0GN0203 Dated 04.06	.201	.8 -		GP5	5 A	G86	G
	13	Mark Electronic Corpor		VETRA 300	CK MECWT	80010	CT0GN0205 Dated 19.06	5.201	18 -		GP	S N	ICE1	V

1	Mr. Swayamprabha KP	PHEONIX L40	JEI-P140	CTOGN0218 Dated 13.07.2018		GPS		
15	ueikollam@gmail.com Gen Y Ventures Private Limited Mr. Sachin Tyagi sachintyagi@genyventures.i	IAC 140 CAN	GY3035	CTOGN0297 Dated 31.08.2018	CK8010 dated 15.01.2019	GPS	IAC1	D2
16	n Anoop Industries Ltd. Mr. Anoop Singhal anoopindustries2017@gmail.com	ZIPCON	AIP-ZIP-001	CT0GN0338 Dated 23.10.2018	CK8009 dated 11.01.2019	GPS	ANP1	Z1
17	BITS N BYTES SOFT PRIVATE LIMITED Mr. Amit Chakravarty AChakravarty@TrakNTell.co	TRAK140	TNTVT140	CT0GN0318 Dated 14.11.201	CK8008 dated 8 11.01.2019	GPS	TT88	V4
1	m Sree Sai Aerotech Innovations Pvt Ltd Mr. Sai Pattabiram sai@muav.in	AIS140_0	2P_CS_AIS14	CT0GN0295 Dated 26.11.20	CK8003 dated	GPS	ZU09	V1

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Cloading of the list attached on MoRTH,s website

itendra kumar Mon 1/21/2019, 10:37 AM

To: pk jain nic <pk.jain@nic.in> Cc: Ramandeep Chowdhary <ds1-morth@gov.in>; dharkat@nic.in <dharkat@nic.in>; nitinverma.rth@gov.in < nitinverma.rth@gov.in >

2 attachments (26 KB) ICAT.xlsx; ARAI.xlsx;

Sir.

Please find attached the list of approved manufacturers of Vehicle Location tracking Device. You are requested to upload the list on the website under the heading "List of Approved Vehicle Location tracking Device Manufacturers"

Moreover, on the same page , please upload the following URLs also, .

ARAI URL - https://www.araiindia.com/pages/downloads

ICAT URL - https://www.icat.in/information/certification

With Regards,

Jitendra Kumar Consulatnt- MVL Ministry of Road Transport & Highways Tele: - 011-23715211

From: jspb-morth@gov.in <jspb-morth@gov.in> on behalf of Priyank Bharti JS MORTH <jspb-morth@gov.in>

Sent: Thursday, January 17, 2019 4:53 PM

To: 'ds1-morth_gov.in'

Cc: Jitendra Kumar MvL MORTH Email; 'DHARKAT L Email' Subject: Fw: Combined list of VLT approvals as per AIS 140

Dear Raman

Have it placed on the morth website

be Joint Secretary Transport Winistry of Road Transport and Highways. Gove of India 1. Samual Marg Now-Dath Sub Installation of Vehicle Location Tracking Device and Panic Relief (VLT) in Public Service Vehicles MoRTH, Gol vide Lt No RT-11028/12/2015-N/VL dated 31st October 2018, Ref S O 5453(E) dated 25 10 2018 & S O 5454(E) dated 25.10 2018. Sic In inviting reference to the subject matter and as per the natticesons. Vehicle Location Tracking Device and Panic Buttons (VLT) were mandated to be filled in all public service vehicles registered on and after 01th January, 2019. . But as rightly observed by MoRTH, Gol, the purpose of implementation of this VLT in public service vehicles cannot be achieved unless the Command and Confict Centre is established by the State which is to be used ac an interface for various stake holders which is yet to be set up where date can be captured, stored and trialyzed. Further appropriate legal provisions are to be made so that welstions delected out of analysis can be addressed. such circumstances, the infrastructure establishment s provisioning would require some more time. Honce, it is requested that, so mostlesof more time may be granted to implement the notifications and guidelines as assured by MoRTH, Gol form time to time regarding Installation of Vehicle Location fracting Device and Paric Button (VLT) in Public Service Vehicles. In autopation of the permissions, in Odisha the above notification is not implemented was 101.01.2019 Yours failmany. Transport Commissioner, Ociaha . data 31-19-18 Copy to all Doputy Commissioners of Transport all RTOs for information and nacessary action Transper Commissionar, Odens

GOVERNMENT OF RAJASTHAN TRANSPORT DE ARTIMENT

Sh. Abhay Damie,
Joint Secretary.

Ministry of Foad Transport & High day of Tracking Device(VLTD) and Pahil 1.

Subject:

Fitment of Vehicle food Tracking Device(VLTD) and Pahil 1.

Reference:

Regarding Letter dated 31-10-2018 Under Secretary to the Joint Government of India.

devices and penic button on public service vehicles registered after 31.11.2015 manualed wide notification dated 25.10.2018, wherein the requirement of them of VTL was to be effective from 01.01.2019.

As per notification it was stipulated that the testing agencies like ARAI AT. CIRT etc would upload the details of the VLT devices certified by them on VAHAN database. It was also provisioned that the details of each VLT vice shall be uploaded on the VAHAN database by the VLT device nufacturer using its secured authenticated access. The VLT device clarecturers or their authorised dealers were also required to install the VLT device on the outsic service vehicles and register the devices along with default default on the corresponding backend systems in real-time;

However, various registering authorities of the State have conveyed that ase. As such, the dealers of Public Service vehicles/customes are that their vehicles are not being registered owing to commission of provisions whereas the system/infrastructure is not reacy to including of their vehicles are not being registered owing to commission of provisions.

needily in Order to operationalse this notification or consider to the important of the motification of consider to

(Shailendra Agarwal)
Principal Secretary &
Transport Commissioner



No. RT-11028/12/2015-MVL

भारत सरकार

Government of India

सङ्क परिवहन और राजमार्ग मंत्रालय Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated the,

February, 2019

To

Transport Comissioner, Government of Odisha, 6th Floor, Rajaswa Bhawan, Chandini Chowk, Cuttack- 753002

Subject:

Fitment of Vehicle Location Tracking Device and Panic Buttons

Sir/Madam,

Please refer to this Ministry's letter dated 31st October, 2018 regarding fitment of Vehicle Location Tracking Device and Panic Buttons by which Ministry has mandated that:

- a) All public service vehicles registered on and after 01st January, 2019 have to be fitted with Vehicle Location Tracking Device and Panic Buttons.
- b) The States may take services from VLT device manufacturers till the States have their own backend system available. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31st December, 2018.
- 2. In the VLT order issued by this Ministry on 25th October, 2018 [(SO 5453 (E))] a flexibility has been provided wherein the command and control centres required for mandatory VLT devices can be set up by the States or the VLT manufacturers or any other agency authorised by the States.
- 3. Further, considering the sensitive issue of safety of passengers, especially women, it is reiterated that the mandatory regulation for the public service vehicles registered on and after 01st January, 2019 may be complied with.

Yours faithfully,

Encls: As above

(Ram Raj Meena)

Under Secretary to the Govt. of India

Tel: 011-23718560

Email: meena.rr@nic.in

No. RT-11028/12/2015-MVL পাৰে অংকাৰ

Government of India 'मुक्क परिवहन और राजमार्ग नंत्रालय

Ministry of Road Transport and Highways (MVL Section)

Trunsport Bhawan, 1. Parliament Street, New Delhi-110001

Dated the, 31st October, 2018

To

1) The Principal Secretaries/The Secretaries, Department of Transport

 The Transport Commissioners of all the States/UT Administrations

Subject: Fitment of Vehicle Location Tracking Device and Panic Buttons

Sir/Madam.

Please refer to the notification G.S.R 1095 (E) dated 28th November, 2016 wherein Vehicle Location Tracking Device and Panic Buttons (VLT) were mandated to be fitted in all public service vehicles w.e.f. 01st April, 2018. Subsequently, Ministry exempted all public service vehicles from the purview of provisions of rule 125H of the Central Motor Vehicles Rules 198 9upto 01st April, 2019 through Notification No. S.O 1663(E) dated 18th April, 2018 as it had come to the notice of this Ministry that there were difficulties in implementing Vehicle Location Tracking Device and Panic Buttons due to lack of command and centrol centers to monitor and track the vehicles.

- 2. In the meantime, various meetings and product demonstrations have been held in which various Vehicle Location Tracking Device manufacturers have shown functionalities which are to be provided through the backend system for tracking Vehicle and setting up of a facility in the States/UTs.
- 3. In view of the above, the matter has been examined in the Ministry, and it has been decided to give exemption to all the public service vehicles which are registered upto 31stDecember, 2018 (old vehicles) from thefitment of Vehicle Location Tracking Device and Panic Buttonstill the time as notified by State/UT Governments in their respective States/UTS as per clause (b) of sub-section 3 of section 110 of the Central Motor Vehicle Act, 1988. The notification to this effect have been issued.
- 4. All public service vehicles registered on and after 01st January, 2019 have to be fitted with Vehicle Location Tracking Device and Panic Buttons.
- 5. The States may take services from VLT device manufacturers till the States have their own backend system available. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31stDecember, 2018.

Encls: As above

Yours faithfully,

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tele: 23357125 e-mail: dharkat@nic.in

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असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

ਜਂ. 317] No. 817] नई दिल्ली, सोमवार, नवम्बर 28, 2016/अग्रहायण 7, 1938

NEW DELHI, MONDAY, NOVEMBER 28, 2016/AGRAHAYANA 7, 1938

सड़क परिदहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 28 नवंबर, 2016

सा.का.नि. 1095(अ).—केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपक्षित केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में राड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग II. खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम. 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और मंशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (20 संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे: परंतु यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात्:-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा;
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का 59) के अधीन अनुज्ञा-पत्र (परिनट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं।
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने आंपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं "।

[सं. आरटी- 11028/12/2015-एमबीएल]

अभय दामले, संयुक्त सचिव

टिप्पण:— मूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिस्वना सं. सा.का.िन. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूत्रना सं. 1034 (अ), तारीख 02.11.2016 को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 28th November, 2016

G.S.R. 1095(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2015 in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- . (1) These rules may be called the Central Motor Vehicles (Twentieth Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.

- 2. In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted; namely-
 - "25 H. Provision of vehicle location tracking device and emergency button.-
 - (1) All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped withor fitted with vehicle location tracking device and one or more emergency buttons:

. Provided that this rule shall not apply to the following category of vehicles, namely:-

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in sub-rule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986.".

[No.RT-11028/12/2015 MVL] ABHAY DAMLE, Jt. Secy.

No el-The principal rules. Were published India, Extraordinary. Part-II, section 3, sub-section vide netification (i) number O.S.R.590(E), dated the 2 nd June, 1989 and last amended vide notification number G.S.R.1034(E) dated the 2nd November, 2016

REGD. No. D. 1.-33004/29

रजिस्टी सं॰ डी॰ एल -- 33604/99



EXTRAORDINARY

भाग II—खेण्ड 3—उप-खण्ड (ii) PART II-Section 3-Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1509] No. 1509]

नई दिल्ली, बुधवार, अप्रैल 18, 2018/चैत्र 28, 1940

NEW DELHI, WEDNESDAY, APRIL 18, 2018/CHAITRA 28, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नर्ड दिल्ली, 18 अप्रैल, 2018

का.आ. 1663(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उप-धारा (3) खण्ड (क) द्वारा प्रदत्त भाक्तियों का प्रयोग करते हुए, सभी सार्वजनिक सेवा यान को तारीख 1 अप्रैल. 2019 तक, केन्द्रीय मोटर यान नियम, 1989 के नियम 125ज के लागू होने से (यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित होने या फिट होने से), एतद्द्वारा छूट प्रदान करती है।

[सं.आर.टी—11028 / 12 / 2015—एम.वी.एल.]

अभय दामले, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 18th April, 2018.

S.O. 1663(E).—In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby exempts all public service vehicles from the provisions of rule 125H of the Central Motor Vehicles Rules, 1989 (of equipped with or fitted with vehicle location tracking device and one or more emergency buttons) upto the 1st day of April, 2019.

[No. RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

2268 GI/2018

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SARVESH KUMAR (covarional by Salves SRIVASTAVA



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

지. 4249] No. 4249] नई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/कार्तिक 4, 1940

NEW DELHI, FRIDAY, OCTOBER 26, 2018/EARTIKA 4, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 25 अक्तूबर, 2018

का.आ. 5454 (ज).—केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (3) के खंड (क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और भारत के राजपत्र, असाधारण, भाग प्र, खंड 3, उपखंड (ii) में संख्या का.आ. 1663 (अ), तारीख 18 अप्रैल, 2018 द्वारा प्रकाशित भारत सरकार के सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना का अधिक्रमण करते हुए 31 दिसंबर, 2018 तक रजिस्ट्रीकृत सभी सार्वजिनक सेवा यान को मोटर यान अधिनियम, 1988 की धारा 110 की उप-धारा (1) के खंड (ट) के उपबंधों से 01 जनवरी, 2019 तक छूट प्रदान करती है:

परन्तु , उपर्युक्त विनिर्दिष्ट छूट की समय-अवधि समाप्त होने के पश्चात संबंधित राज्य या संघ-राज्य क्षेत्र सरकार द्वारा अपने संबंधित राज्य या संघ-राज्य क्षेत्र में 31 दिसंबर, 2018 तक रिजस्ट्रीकृत सभी सार्वजनिक सेवा यानों के लिए उक्त के संबंध में अनुप्रयोज्य विधि के अनुसार उक्त उपबंधों के अनुसरण में यथाविनिर्दिष्ट अपेक्षाओं के अनुपालन हेतु तारीख अधिसूचित कर सफेगी।

[फा. सं. आरटी-11028/12/2015-एमवीएल-भाग- I] प्रियांक भारती, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 25th October, 2018

S.O. 5454 (E).—In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O 1663 (B), dated the 18th April, 2018, the Central Government hereby exempts upto the 1st day of January, 2019 all public service vehicles registered upto the 31st day of December, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union Territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in upto the 31st day of December, 2018.

[F. No. RT-11028/12/2015-MVL Pt. I]

PRIYANK BHARTI, Jt. Secy.

रिवस्ट्री संव डी० एल०-33004/99



असाधारण

EXTRAORDINARY

भाग II--खण्ड 3--उप-खण्ड (ii)

PART II-Section 3-Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

સં. 4248] No. 4248] मई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/कार्तिक 4, 1940

NEW DELHI, FRIDAY, OCTOBER 26, 2018/KARTIKA 4, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

विष्म्बना

नई दिल्ली, 25 अक्तूबर, 2018

का. आ. 5453(अ).—केंद्रीय सरकार की यह राय है कि सभी सार्वजनिक सेवा यान में (व्हीकन लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन के अनुकूलन या फिटनेस के संतंध में मानकों को अधिसूचित करने के लिए सार्वजनिक हित में ऐसा करना आवश्यक है।

अब. केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के अधीन प्रदत्त शक्तियों के प्रयोग करते हुए, ऐसे मानकों को निर्दिष्ट करने के लिए निम्नलिखित आदेश देती है, अर्थात्-

- 1. इस आदेश का संक्षिप्त नाम मोटर यान (व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन) आदेश, 2018 है।
- 2. यह आदेश राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे।
- 3. यह आदेश केन्द्रीय मोटर यान नियम, 1989 के नियम 125 ज के उप-नियम (1) में विनिर्दिष्ट सभी सार्वजनिक सेवा यानों को लागू होगा।
- 4. सार्वजनिक सेवा यानों पर व्हीकल ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) लगाने के लिए समग्र दृष्टिकोण निम्नलिखित होगा:
- (क) वीएलटी हिवाइस निर्भाता केंद्रीय मोटर वाहन नियम, 1989 के नियम 126 में निर्दिष्ट किसी भी परीक्षण अभिकरणों से अपने डिवाइसों को परीक्षित और प्रमाणित कराएगा।
 6798 (11/2018)

- (ख) राज्य या संघ राज्य क्षेत्र केंद्रीय मोटर यान नियम, 1989 के 125 ज क नियमों ना अनुपालन सुनिश्चित करेंगे और फिटनेस प्रमाणन के लिए वाहनों की जांच के समय सार्वजनिक सेवा बाहनों में की एलटी डिवाइस की फिटनेस, और कार्यात्मक स्थिति की जांच करेंगे।
- (ग) सार्वजनिक सेवा यान मालिक को किसी भी निर्माता से अपनी पसंद की वीए टी डिवाइस को चुनने या स्थापित करने की स्वतंत्रता होगी जब तक कि यह केंद्रीय मोटर यान नियम, 1989 के वनुसार अनुमोदित प्रकार का है।
- (घ) राज्य या वीएलटी निर्माताओं या राज्य सरकार द्वारा अधिकृत किसी भी अन्य अि करण द्वारा स्थापित कमांड और नियंत्रण केंद्रों या अन्य केंद्र व्यवस्था का उपयोग राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालयों, सड़क परिवहन और राजमार्ग मंत्रालय और इसके ना मेत अभिकरणों, डिवाइस निर्माताओं और उनके अधिकृत डीलरों, परीक्षण अभिकरणों, परमिट धारको आदि विभिन्न हितधारकों को एआईएस 140 संव्यवहार संहिता के अनुसार अंतरापृष्ठ प्रदान करने के लिए किया जाएगा।
- (ङ) यह कमांड और नियंत्रण केंद्र या इस तरह का अन्य कोई केन्द्र / राज्य के वाहन डेा बेस या राज्य के संबंधित डेटा बेस को स्पीडिंग, डिवाइस की हालत के संबंध में जानकारी भी पहुंचाएगा।
- (च) अनुलग्नक के अनुसार प्रत्येक वीएलटी डिवाइस का विवरण वीएलटी डिवाइस निर्भाता द्वारा इसकी सुरक्षित प्रमाणीकृत पहुंच का उपयोग करके वाहन डेटाबेस पर अपलोड किया जाएगा। वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर सार्वजनिक सेवा यानों में वीएलटी उपकरणों को स्थापित करेंगे और ास्तविक समय में संबंधित बैकएंड सिस्टम पर वाहन के विवरण के साथ डिवाइस रजिस्ट्रीकृत करांएगें।
- (জ্ৰ) सार्वजनिक सेवा यान मालिकों को यह सुनिश्चित करना है कि उनके वाहनों में स्थाित वीएलटी डिवाइस काम करने की स्थिति में हैं और नियमित रूप से सेलुलर कनेक्टिविटी के माध्यम से संबंधित है कएंड सिस्टम को आवश्यक डेटा भेजते हैं।
- (ज) वीएलटी डिवाइस निर्माता केंद्रीय मोटर यान नियम, 1989 के नियम 126 में नि र्देष्ट परीक्षण अभिकरणों से पहले प्रमाणन के बाद प्रत्येक वर्ष उत्पादन की अनुरूपता के लिए अपने डिवाइस को परी क्षेत कराएगा।
- (झ) परीक्षण अभिकरण वाहन डेटा बेस पर उनके द्वारा प्रमाणित वीएलटी उपकरणों का विवरण अपलोड करेंगी। वे वाहन डेटा बेस पर उत्पादन की अनुरूपता से संबंधित स्थिति को भी अपडेट करेंगे।
- (অ) राज्य या संघ राज्य क्षेत्र इंटरनेट प्रोटोकॉल पता (आईपी पता) और उनके संबंधि। आपातकालीन प्रतिक्रिया प्रणाली के लघु संदेश सेवा गेटवे (एसएमएस गेटवे) के विवरण जहां से वीएलटी डिवाइस आपातकालीन बटन दबाए ज्ञाने पर आपातकालीन अलर्द भेजेगा, को प्रकाशित करेंगे।
- (ट) सार्वजनिक सेवा यानों में वीएलटी डिवाइस की स्थापना के समय वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर डिवाइस संबंधित राज्य या संघ राज्य क्षेत्र की आपातकालीन प्रतिक्रिया प्रणाली के लिए आपातकालीन अलर्ट को भेजने के लिए इंटरनेट प्रोटोकॉल पता (आईपी पता) और लघु संदेश सेवा गेटवे (ए एमएस गेटवे) विवरण को समनुरुप बनाएगा।
- (ठ) वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर वीएलटी डिवाइस के लिए यापक वारंटी / रखरखाव सहायता प्रदान करेंगे और नए सार्वजनिक सेवा यानों के लिए कम से कम दो वर्ष के लिए सेलुलर कनेक्टिविटी और अन्य वाहनों के लिए एक वर्ष की स्विधा प्रदान करेंगे।
- (इ) वीएलटी डिवाइस निर्माता सार्वजनिक सेवा यान मालिकों के बीच आपसी सम गैते के अनुसार अनिवार्य :-निष्पादन अपेक्षाओं के अतिरिक्त मुल्यवर्धित सेवाएं प्रदान कर सकते हैं।

'रन्सप्रक

सार्वजिन त सेपा यानों में रेट्रो-फिट व्हीकल लोकेशन ट्रेकिंग डिवाइस और आपातकासीन वटन (वीएलटी) का वाहन-डाडाबेस के साथ एकीकरण।

सार्वजनिक सेवा यानों के लिए व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) के रेट्रो-फिटमेंट हेतु अनुमादित वीएलटी डिवाइस को वाहन डाटाबेस के माध्यम से विशिष्ट वाहन मॉडल के साथ जोड़ने के संबंध में निम्निविखित को सुनिश्चित किया जाएगा।

- यान न लगाए गए वीएलटी डिवाइसों को एआइएस: 140 के अनुसार टाइप अनुमोदित किया जाएगा।
- 2. टाइप अनुमोदन के पश्चात एनआइसी द्वारा वाहन पोर्टल एर टाइप स्वीकृति डाटा अपलोड करने के लिए प्रत्येक वीएलटी डिवाइस विनिर्माता को एक विशिष्ट उपयोगकर्ता का नाम (यूजरनेम) और पासवर्ड जारी किया जा गा
- 3. वीए गटी डिवाइस विनिर्माता वाहन पोर्टल में प्रत्येक डिवाइस के लिए निम्नलिखित डाटा अपलोड करेंगे:
 - क) वीएलटी डिवाइस मेक ऐंड मॉडल
 - ख) यथा प्रयोज्य टाइप अनुमोदन प्रमाणपत्र (टीएसी) औरं।या उत्पादन प्रमाणपत्र (सीओपी)
 - ग) आइएमइआइ संख्या
 - घ) आइसीसी आइडी संख्या
 - ह.) निम्नतिखित प्रारूप के अनुसार विशिष्ट पहचान संख्या:

बार कद्यार त्यक - मंख्यात्मक वर्ण	दो अक्षरात्मक - मंबगारमक वर्ण	18416101 0001 41 116 64 3181 11111	चार संख्यात्मक अंक	आठ संख्यात्मक लेक
ः विनिर्मारा के नाम के लिए	मॉडल के नाम के लिए	[ए] - ऑटोमोटिव रिसर्च एसोसिएशन ऑफ इंडिया [सी] - सेंट्रल इंस्टीट्यूट ऑफ रोड ट्रांसपोर्ट [आइ] - इंटरनेश्नल सेंटर फॉर	एमएमबाइवाइ प्रारूप में विनिर्माण के माह और वर्ष के लिए	उत्पादन क्रम संख्या के लिए
		[आइ] - इटरनश्नल सटर फार ऑटोमोटिव टेक्नोलॉजी [बी] - व्हीकल रिसर्च ऐंड डेक्लेपमेंट इत्टेबल्शिमेंट [एफ] - सेंट्रल फॉर्म मशीनरी ट्रेनिंग ऐंड टेस्टिंग इंस्टीट्यूट संस्थान	(
		[पी] - इंडियन इंस्टीट्यूट ऑफ पेट्रोलियम [जी] - ग्लोबल ऑटोमोटिव रिसर्च सेंटर चेन्नई	े ६-६-६ मार्च विकास	

4. वीएलटी विनिर्माता के प्राधिकृत डीलर द्वारा वीएलटी डिवाइस को विनिर्दिष्ट प्रार्वजनिक सेवा यान से लोड़ने के उद्देश्य त्वाहन डाटाबेस में विशिष्ट पहचान संख्या दर्ज की जाएगी। यदि बीएलटी डिवाइस को सार्वजनिक सेवा वाहन विनिर्माण द्वारा संस्थापित किया गया है, तो उपयुक्त प्रक्रिया वाहन विनिर्माता द्वारा की जाएगी।

क्षेत्रीय परिवहन कार्यालयों द्वारा फिटनेस परीक्षण के समय वीएलटी हिवाइस की विशिष्टः पहुचान संख्या सरवापित की जाएगी।

> [सं. आरटी-11028/12/2015-एमवीएल] प्रियांक भारती, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 25th October, 2018

S.O.,5453(E).—Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or fitment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act, 1983 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button)
 Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazeite.
- This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in tule 126 of the Central Motor Vehicles Rules, 1989.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.
 - (f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
 - (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
 - (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
 - (j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.

- (k) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Protocol address (IF address) and Short Message Service Gateway. (SMS gareway) details in the device for sending emergency alerts to the emergency response system of the State or Union Territory concerned.
- (1) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c) IMEI Number
 - d) Ice ID Number
 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport [I] - International Centre for Automotive Technology [V]- Vehicle Research & Development Establishment	For month and year of manufacture in format MMYY	For Production Sr. No.
4		[F] - Central Farm Machinery Training & Testing Institute [P] - Indian Institute of Petroleum [G] - Global Automotive Research Centre, Chennai		
-				The state of the s

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4: The authorised dealer of the VLT manufacturer shall enter the Unique Identification number in VAHAN database for the purposes of linking the VLT device to the specific public service yehicle. In case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.

Regional Transport Offices shall verify the unique identification number of VLT device at the time of fitness testing.

[No. RT-11028/12/2015-MVL]

PRIYANK BHARTI, Jt. Secy.



No. R⁻-11028/12/2015-MVL भारत सरकार

Government of India सड़के पिवहन और राजमार्ग मंत्रालय Ministry of Rc ad Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated the, 13 February, 2019

To

Transport Commissioner, Government of Karnataka, M S Building, Karnataka Government Secretariat, Bengaluru

Subject:

Fitment of Vehicle Location Tracking Device and Panic Buttons

Sir/Madam,

Please refer to this Ministry's letter dated 31st October, 2018 regarding fitment of Vehicle Location Tracking Device and Panic Buttons by which Ministry has mandated that:

- a) All public service vehicles registered on and after 01st January, 2019 have to be fitted with Vehicle Location Tracking Device and Panic Buttons.
- b) The States may take services from VLT device manufacturers till the States have their own backend system available. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31st Eecember, 2018.
- 2. In the VLT order issued by this Ministry on 25th October, 2018 [(SO 5453 (E)] a flexibility has been provided wherein the command and control centres required for mandatory VLT devices can be set up by the States or the VLT manufacturers or any other agency authorised by the States.
- 3. Further, considering the sens tive issue of safety of passengers, especially women, it is reiterated that the mandatory regulation for the public service vehicles registered on and after 01st January, 2019 may be complied with.

Yours faithfully,

Encls: As above

(Ram Raj Meena) Under Secretary to the Govt. of India Tel: 011-23718560

Email: meena.rr@nic.in

Copy to: -

1) The Principal Secretaries/Th∈ Secretaries, Department of Transport / The Transport Commissioners of all the States/UT Administrations





No. RT-11028/12/2015-MVL

शास्त सरकार

Government of India भड़क परिदर्श और राजभार्य संत्राजय Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated the, 31st October, 2018

To

1) The Principal Secretaries/The Secretaries, Department of Transport

2) The Transport Commissioners of all the States/UT Administrations

Subject:

Fitment of Vehicle Location Tracking Device and Panic Buttons

Sir/Madam,

Please refer to the notification G.S.R 1095 (E) dated 28th November, 2016 wherein Vehicle Location Tracking Device and Panic Buttons (VLT) were mandated to be fitted in all public service vehicles w.e.f. 01st April, 2018. Subsequently, Ministry exempted all public service vehicles from the purview of provisions of rule 125H of the Central Motor Vehicles Rules 198 9upto 01st April, 2019 through Notification No. S.O 1663(E) dated 18th April, 2018 as it had come to the notice of this Ministry that there were difficulties in implementing Vehicle Location Tracking Device and Panic Buttons due to lack of command and control centers to monitor and track the vehicles.

- 2. In the meantime, various meetings and product demonstrations have been held in which various Vehicle Location Tracking Device manufacturers have shown functionalities which are to be provided through the backend system for tracking Vehicle and setting up of a facility in the States/UTs.
- 3. In view of the above, the matter has been examined in the Ministry, and it has been decided to give exemption to all the public service vehicles which are registered upto 31stDecember, 2018 (old vehicles) from thefitment of Vehicle Location Tracking Device and Panic Buttonstill the time as notified by State/UT Governments in their respective States/UTS as per clause (b) of sub-section 3 of section 110 of the Central Motor Vehicle Act, 1988. The notification to this effect have been issued.
- 4. All public service vehicles registered on and after 01stJanuary, 2019 have to be fitted with Vehicle Location Tracking Device and Panic Buttons.
- 5. The States may take services from VLT device manufacturers till the States have their own backend system available. The States may decide the timelines for implementation of rule 125H of the Central Motor Vehicles Rules, 1989 for those vehicles registered upto 31stDecember, 2018.

Encls: As above

Yours faithfully,

(Dharkat R. Luikang)

Under Secretary to the Govt. of India

Tele: 23357125

e-mail: dharkat@nic.in

(2) 15 (See 2)



HEGzette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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सड़क परिदहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 28 नवंबर, 2016

सा.का.नि. 1095(अ).—केंद्रीय मोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपक्षित केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में राइक परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. सा.का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग II. खंड 3, उपखंड (i) में उनसे द्वारा संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित किए गए थे;

उक्त राजपत्र अधिसूचना की प्रतियां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ; उक्त प्रारुप नियमों के संबंध में जनसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम. 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (20 संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 में, नियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात्:-

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपाद बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा ानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट कए जाएंगे : परंतु यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात् :-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा:
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1938 का 59) के अधीन अनुज्ञा पत्र (परिनट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन के विनिः श, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी र्ब आईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं।
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने क्षांपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे सब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधि यूचित नहीं किए जाते हैं "।

[सं. आरटी- 11028/12/ 015-एमबीएल]

अभय दाम ।, संयुक्त सचिव

टिप्पण:— मूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिसूचना सं. सा. ा.नि. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. 10 4 (अ), तारीख 02.11.2016 को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 28th November, 2016

G.S.R. 1095(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rt es, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), ide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), de ed the 2nd May, affected persons before the expiry of the period of thirty days from the date on which copies of the Gazet a containing the

And whereas, copies of the said Gazette notification were made available to the public on the 2nd 4ay, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 1 0 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely:—

- (1) These rules may be called the Central Motor Vehicles (Twentieth Amendment) Rules, 2016
 - (2) They shall come into force on the 1st day of April, 2018.

Are In the Central Metor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted; namely

"125 H. Provision of vehicle location tracking device and emergency button.-

All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped withor fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- two wheelers; (i)
- E-rickshaw; (ii)
- three wheelers; and (iii)
- any transport vehicle for which no permit is required under the Act. (iv)
- The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Buseau of Indian Standards Act, 1986 (63 of 1986).
- The vehicle location tracking device and emergency button referred to in sub-rule (1) shall be fitted by (3) the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986.".

[No.RT-11028/12/2015 MVL]

ABHAY DAMLE, It. Secy.

Extraerdinary. india, published Gazette the principal rules. were Note:netification number O.S.R.590(E), vide sub-section (1) Part II, section 3, dated the 2 nd June, 1989 and last amended vide notification number G.S.R.1024(E) dated the 2nd November, 2016



अग्गधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii)

पाधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1509

नई दिल्ली, बुधवार, अप्रैल 18, 2018/चैत्र 28, 1940

No. 1509

NEW DELHI, WEDNESDAY, APRIL 18, 2018/CHAITRA 28, 1940

सड़क परिवहन और राजमार्ग संत्रालय

अधिसूचना

नई दिल्ली, 18 अप्रेल, 2018

ा.आ. 1663(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उप-धारा (3) खण्ड (क) द्वारा प्रदत्त भाक्तियों का प्रयोग करते हुए, सभी सार्वजनिक सेवा यान को तारीख 1 अप्रैल, 2019 तक केन्द्रीय मोटर यान नियम, 1989 के नियम 125ज के लागू होने से (यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित होने या फिट होने से), एतद्वारा छूट प्रदान करती है।

[सं.आर.टी--11028 / 12 / 2015-एम.वी.एल.]

अभय दामले, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 18th April, 2018.

S.O. 1663(E).—In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby exempts all public service vehicles from the provisions of rule 125H of the Central Motor Vehicles Rules, 1989 (of equipped with or fitted with vehicle location tracking device and one or more emergency buttons) upto the 1st day of April, 2019.

[No. RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

2268 GI/2018

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असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

Ti. 4249]

नई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/कार्तिक 4, 1940

No. 4249]

NEW DELHI, FRIDAY, OCTOBER 26, 2018/KARTIKA 4, 1940

सड़क परिवहन और राजभाग मंत्रालय

अधिसूचना

नई दिल्लो, 25 अक्तूबर, 2018

का.आ. 5454 (अ).—केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (3) के खंड (क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, और भारत के राजपत्र, असाधारण, भाग п, खंड 3, उपखंड (ii) में संख्या का.आ. 1663 (अ), तारीख 18 अप्रैल, 2018 द्वारा प्रकाशित भारत सरकार के सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना का अधिक्रमण करते हुए 31 दिसंबर, 2018 तक रजिस्ट्रीकृत सभी सार्वजनिक सेवा यान को मोटर यान अधिनियम, 1988 की धारा 110 की उप-धारा (1) के खंड (ट) के उपबंधों से 01 जनवरी, 2019 तक छूट प्रदान करती है:

परन्तु , उपर्युक्त विनिर्दिष्ट छूट की समय-अवधि समाप्त होने के पश्चात संबंधित राज्य या संघ-राज्य क्षेत्र सरकार द्वारा अपने सुबंधित राज्य या संघ-राज्य क्षेत्र सरकार द्वारा अपने सुबंधित राज्य या संघ-राज्य क्षेत्र में 31 दिसंबर, 2018 तक राजिस्ट्रीकृत सभी सार्वज्िनक सेवा यानों के लिए उक्त ने संबंध में अनुप्रयोज्य विधि के अनुसार उक्त उपबंधों के अनुसरण में यथाविनिर्दिष्ट अपेक्षाओं के अनुपालन हेतु तारीख अधिसूचित कर सकेगी।

[फा. सं. आरटी-11028/12/2015-एमवीएल-भाग- I] प्रियांक भारती, संयुक्त सचिव

[PART II--SEC. Mark

MENSTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION .

New Delhi, the 25th October, 2018

S.O. 5454 (E).—In exercise of the powers conferred by clause (a) of sub-section (3) of section 110 of the Motor. Vehicles Act, 1988 (59 of 1988), and in supersession of the notification of the Government of India in the Ministry of Road. Transport and Highways published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O 1663 (E), dated the 18th April, 2018, the Central Government hereby exempts upto the 1st day of January, 2019 all public service vehicles registered upto the 31st day of December, 2018 from the provisions of clause (k) of sub-section 1 of section 110 of the Motor Vehicle Act, 1988:

Provided that after the expiry of the time-period of exemption specified above, the concerned State or Union Territory Government may notify the date for compliance of requirements, as specified in pursuance of the said provision, in their respective State or Union Territory, as per the applicable law, in regard to the said for public service vehicles registered upto the 31st day of December, 2018.

[F. No. RT, 11028/12/2015-MVL Pt. I] , PRIYANK BHARTI, Jt. Secy.

I-II of India

असाधारण

EXTRAORDINARY

धाग II—खण्ड 3—उप-खण्ड (ii)

PART II-Section 3 -- Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 4248]

नई दिल्ली, शुक्रवार, अक्तूबर 26, 2018/ार्तिक 4, 1940

No. 4248]

NEW DELHI, FRIDAY, OCTOBER 26, 2018/KARTIKA 4, 1949

सड़क परिवहन और राजमार्ग पंत्रालय

विष्मूचना

नई दिल्ली, 25 अक्तूबर, 2018

का. आ. 5453(अ).—केंद्रीय सरकार की यह राय है कि सभी सार्वजनिक सेवा यान में (व्हीकन लोकेशन ट्रैकिंग डिवाइस और आपातकाजीन बटन के अनुकूलन या फिटनेस के संनंध में मानकों को अधिसूचित करने के लिए सार्वजनिक हित में ऐसा करना आवश्यक है।

अय, केंद्रीय सरकार, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 109 की उपधारा (3) के अधीन प्रदत्त शक्तियों के प्रयोग करते हुए, ऐसे मानकों को निर्दिष्ट करने के लिए निम्नलिखित आदेश देती है, अर्थात्-

- 1. इस आदेश का संक्षिप्त नाम मोटर यान (व्हीकल लोकेशन ट्रैकिंग डिवाइस और आपातकालीन बटन) आदेश, 2018 है।
- 2. यह आदेश राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे।
- 3. यह आदेश केन्द्रीय मोटर यान नियम, 1989 के नियम 125 ज के उप-नियम (1) में विनिर्दिष्ट सभी सार्वजनिक सेवा यानों को लागू होगा।
- 4. सार्वजनिक सेवा यानों पर व्हीकल ट्रैकिंग डिवाइस और आपातकालीन बटन (वीएलटी) लगाने के लिए समग्र दृष्टिकोण निम्नलिखित होगा:
- (क) वीएलटी डिवाइस निर्भाता केंद्रीय मोटर वाहन नियम, 1989 के नियम 126 में निर्विष्ट किसी भी परीक्षण अभिकरणों से अपने डिवाइमों को परीक्षित और प्रमाणित कराएगा।

5298 01/2018

[PART I -- SEC. 3(ii)] ...

- (ख) राज्य या संघ राज्य क्षेत्र केंद्रीय मोटर यान नियम, 1989 के 125 ज के नियमों का अनुपालन सुनिर्धित करेंगे और फिटनेस प्रमाणन के लिए वाहनों की जांच के समय सार्वजनिक सेवा वाहनों में वीएलटी डिवाइस की फिटनेस, और कार्यात्मक स्थिति की जांच करेंगे।
- (ग) सार्वजनिक सेवा यान मालिक को किसी भी निर्माता से अपनी पसंद की वीएलटी डिवाइस को चुनने या स्थापित करने की स्वतंत्रता होगी जब तक कि यह केंद्रीय मोटर यान नियम, 1989 के अनुसार अनुमोदित प्रकार का है।
- (घ) राज्य या वीएलटी निर्माताओं या राज्य सरकार द्वारा अधिकृत किसी भी अन्य अभिकरण द्वारा स्थापित कमांड और नियंत्रण केंद्रों या अन्य केंद्र व्यवस्था का उपयोग राज्य आपातकालीन प्रतिक्रिया केंद्र, परिवहन विभाग या क्षेत्रीय परिवहन कार्यालयों, सड़क परिवहन और राजमार्ग मंत्रालय और इसके नामित अभिकरणों, डिवाइस निर्माताओं और उनके अधिकृत डीलरों, परीक्षण अभिकरणों, परिमट धारकों आदि विभिन्न हितधारकों को एआईएस 140 संव्यवहार संहिता के अनुसार अंतरापृष्ठ प्रदान करने के लिए किया जाएगा।
- (ङ) यह कमांड और नियंत्रण केंद्र या इस तरह का अन्य कोई केन्द्र / राज्य के वाहन डेटा बेस या राज्य के संबंधित डेटा बेस को स्पीडिंग, डिवाइस की हालत के संबंध में जानकारी भी पहुंचाएगा।
- (च) अनुलग्नक के अनुसार प्रत्येक वीएलटी डिवाइस का विवरण वीएलटी डिवाइस निर्माता द्वारा इसकी सुरक्षित प्रमाणीकृत पहुंच का उपयोग करके वाहन डेटाबेस पर अपलोड किया जाएगा। वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर सार्वजनिक सेवा यानों में वीएलटी उपकरणों को स्थापित करेंगे और वास्तविक समय में संबंधित बैकएंड सिस्टम पर बाहन के विवरण के साथ डिवाइस रजिस्ट्रीकृत करांएगें।
- (छ) सार्वजनिक सेवा यान मालिकों को यह सुनिश्चित करना है कि उनके वाहनों में स्थापित वीएलटी डियाइस काम करने की स्थिति में हैं और नियमित रूप से सेलुलर कनेक्टिविटी के माध्यम से संबंधित बैकएंड सिस्टम को आवश्यक डेटा भेजते हैं।
- (ज) वीएलटी डिवाइस निर्माता केंद्रीय मोटर यान नियम, 1989 के नियम 126 में निर्दिष्ट परीक्षण अभिकरणों से पहले प्रमाणन के बाद प्रत्येक वर्ष उत्पादन की अनुरूपता के लिए अपने डिवाइस को परीक्षित कराएगा।
- (झ) परीक्षण अभिकरण वाहन डेटा बेस पर उनके द्वारा प्रमाणित वीएलटी उपकरणों का विवरण अपलोड करेंगी। वे वाहन डेटा बेस पर उत्पादन की अनुरूपता से संबंधित स्थिति को भी अपडेट करेंगे।
- (ञ) राज्य या संघ राज्य क्षेत्र इंटरनेट प्रोटोकॉल पता (आईपी पता) और उनके संबंधित आपातकालीन प्रतिक्रिया प्रणाली के ल्र्घु संदेश सेवा गेटवे (एसएमएस गेटवे) के विवरण जहां से, वीएलटी डिवाइस आपातकालीन बटन दबाए जाने पर आपातकालीन अलर्ट भेजेगा, को प्रकाशित करेंगे।
- (ट) सार्वजिनक सेवा यानों में वीएलटी डिवाइस की स्थापना के समय वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर डिवाइस संबंधित राज्य या संघ राज्य क्षेत्र की आपातकालीन प्रतिक्रिया प्रणाली के लिए आपातकालीन अलर्ट को भेजने के लिए इंटरनेट प्रोटोकॉल पता (आईपी पता) और लघु संदेश सेवा गेटवे (एसएमएस गेटवे) विवरण को समनुरुप बनाएगा।
- (ठ) वीएलटी डिवाइस निर्माता या उनके अधिकृत डीलर वीएलटी डिवाइस के लिए व्यापक वारंटी / रखरखाव सहायता प्रदान करेंगे और नए सार्वजनिक सेवा यानों के लिए कम से कम दो वर्ष के लिए सेलुलर कनेक्टिविटी और अन्य वाहनों के लिए एक वर्ष की सुविधा प्रदान करेंगे।
- (ड) वीएलटी डिवाइस निर्माता सार्वजनिक सेवा यान मालिकों के बीच आपसी समझौते के अनुसार अनिवार्य किणादन अपेक्षाओं के अनिरिक्त मूल्यवर्धित सेवाएं प्रदान कर सकते हैं।

'बहुलझक

सार्वजनिक सेपा यानों में रेट्रो-फिट व्हिक्स लोकेसन ट्रेकिंग डिवाइस और आपातकासीन तटन (वीएसटी) का बाहन-डाटाबेस 🗀 🦠 के साथ एकीकरण।

सार्वजनिक सेवा यानों के लिए व्हीकन लोकेशन ट्रैकिंग डियाइस और आपातकालीन बटन (वीएलटी) के रेट्रो-फिटमेंट हेतु अनुमोदित वीएलटी डिवाइस जो वाहन डाटाबेस के माध्यम से विशिष्ट बाहन मॉडल के साथ जोड़ने के संबंध में निम्नलिखित को सुनिश्चित किया जाएगा।

- 1. यान में लगाए गए वीएलटी डिवाइसों को एआइएस: 140 के अनुसार टाइप अनुमोदित किया जाएगा।
- 2. टाइप अनुमोदन के पश्चात एनआइसी द्वारा वाहन पोर्टल पर टाइप स्वीकृति, डाटा अपलोड करने के लिए प्रत्येक वीएलटी डिवाइस विनिर्माता को एक विशिष्ट उपयोगक्ती का नाम (यूजरनेम) और पासवर्ड जारी किया जाएगा।
- 3. बीएलटी डिवाइस विनिर्माता ाहन पोर्टल में प्रत्येक डिवाइन के लिए निम्नलिखित डाटा अपलोड करेंगे:
 - क) वीएलटी डिव इस मेक ऐंड मॉडल
 - ख) यथा प्रयोज्य ाइन अनुमोदन प्रमाणपत्र (टीएसी) और/या उत्पादन प्रमाणपत्र (सीओपी)
 - ग) आइएमइआइ संख्या
 - घ) आइसीसी आ्डी संख्या
 - ड.) निर्झालेखित प्रारूप के अनुसार विशेष्ट पहचान संख्या:

चार सदारात्मक - संख्यात्मक दर्ण	हो अक्षरात्मक - संकारत्मक वर्ण	परीक्षण एउँसी के जिए एक शक्ष सत्स्वक वर्ण	चार संख्यात्मक बंक	अर संब्यात्मक क्षेक
वितिर्माता के नाम के लिए	मॉडल के नाम के लिए	[ए] - ऑटोमोटिव रिसर्च एसोसिएशन ऑफ इंडिया [सी] - सेंट्रल इंस्टीट्यूट ऑफ रोड ट्रांसपोर्ट	एनएमवाइवाइ प्रारूप में विनिर्माण के माह और वर्ष के लिए	उत्पादन क्रम संख्या के लिए
· ·	P P	[आइ] - इंटरनेश्नल सेंटर फॉर श्रॉटोमोटिव टेक्नोलॉजी [बी] - व्हींकल रिसर्च ऐंड डेव्लेपमेंट इस्टेबरिशमेंट	(-	
		[एफ] - सेंट्रल फॉर्म मशीनरी ट्रेनिंग ऐंड टेस्टिंग इंस्टीट्यूट संस्थान [पी] - इंडियन इंस्टीट्यूट ऑफ		
		पेट्रोलियम [जी] - ग्लोबल ऑटोमोटिव रिसर्च सेंटर, चेन्नई		

4. वीएलटी विनिर्माता के प्रधिकृत डीलर द्वारा वीएलटी डिवाइस को विनिर्देष्ट प्रार्वजनिक सेवा यान से जोड़ने के उद्देश्य से वाहन डाटाबेस में विशिष्ट पहचान संख्या दर्ज की जाएगी। यदि बीएलटी डिवाइस को सार्वजनिक सेवा वाहन विनिर्माता द्वारा संस्थापित किया गया है, तो उपर्युक्त प्रक्रिया वाहन विनिर्माता द्वारा की जाएगी।

5 क्षेत्रीय परिवहन कार्यालयों द्वारा फिटनेस परीक्षण के समय वीएलटी डिवाइस की विशिष्ट पहुंचान संख्या. सरयापित की जाएगी।

> [सं. आरटी-11028/12/2015-एमबीएल] प्रियांक भारती, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

NOTIFICATION

New Delhi, the 25th Octobe, 2018

S.O. 5453(E).—Whereas the Central Government is of the opinion that it is necessary and expedient so to do in the public interest to notify standards in respect of equipping or filment of vehicle location tracking device and emergency button in all public service vehicles.

Now, therefore, in exercise of the powers conferred under sub-section (3) of section 109 of Motor Vehicles Act. 1982 (59 of 1988), the Central Government hereby makes the following order to specify such standards, namely:

- This Order may be called as the Motor Vehicles (Vehicle Location Tracking Device and Emergency Button)
 Order, 2018.
- 2. This Order shall come into force on the date of its publication in the Official Gazette.
- 3. This Order shall apply to all public service vehicles specified in sub-rule (1) of rule 125H of the Central Motor Vehicles Rules, 1989.
- 4. The overall approach for installation of Vehicle Location Tracking Device and Emergency Button (VLT) on public service vehicles shall be as follows:
 - (a) The VLT device manufacturers shall get their devices tested and certified from any of the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1985.
 - (b) The State or Union Territories shall ensure compliance to rule 125 H of Central Motor Vehicles Rules, 1989 and check fitment and functional status of the VLT device in the public service vehicles at the time of checking of the vehicles for fitness certification.
 - (c) The public service vehicle owner shall have freedom to choose or install the VLT device of his choice from any of the manufacturers as long as it is Type approved as per Central Motor Vehicles Rules, 1989.
 - (d) The Command and Control Centres or such other centre setup by the State or VLT manufacturers or any other agency authorised by the State Government shall be used to provide interface to various stakeholders such as State emergency response centre, the transport department or Regional Transport Offices, Ministry of Road Transport and Highways and its designated agency, device manufacturers and their authorised dealers, testing agencies, permit holders, etc. as per code of practice of AIS 140.
 - (e) The Command and Control Centre or such other centre shall also provide feed to the VAHAN data base or the relevant data base of the State with regard to the over speeding, device health status.
 - (f) The details of each VLT device as per annexure shall be uploaded on the VAHAN database by the VLT device manufacturer using its secured authenticated access. The VLT device manufacturers or their authorised dealers shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding backend systems in real-time.
 - (g) The public service vehicle owners have to ensure that the VLT devices installed in their vehicles are in working condition and regularly send required data to the corresponding backend system through cellular connectivity.
 - (h) VLT device manufacturers shall get their devices tested for conformity of production every year after the first certification, from the testing agencies referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
 - (i) The testing agencies shall upload the details of the VLT devices certified by them on the VAHAN data base. They shall also update the status relating to the Conformity of Production on the VAHAN data base.
 - (j) The State or Union Territories shall publish Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) details of their respective emergency response system where VLT devices shall send the emergency alerts on press of emergency button.

- (k) The VLT device manufacturers or their authorised dealers, at the time of installation of VLT device in public service vehicles, shall configure the Internet Processia address (IP address) and Short Message Service Gateway (SMS gateway) details in the device for sending emergency aferts to the emergency response system of the State or Union Territory concerned.
- (I) VLT device manufacturers or their authorised dealers shall provide comprehensive warranty/maintenance support for the VLT device and facilitate cellular connectivity for a minimum period of two years for new public service vehicles and one year for other vehicles.
- (m) The VLT device manufacturers may offer value added services, in addition to the mandatory performance requirements to the public service vehicle owners as per the mutual agreement between them.

Annexure

Integration of the retro-fitted Vehicle Location Tracking Device and Emergency Button (VLT) on Public Service Vehicles with the VAHAN-database.

For the retro-fitment of Vehicle Location Tracking Device and Emergency Button (VLT) for the public service vehicles, the following be ensured with respect to linking of approved VLT Devices with the specific vehicle model through VAHAN database.

- 1. VLT Devices fitted on the vehicle shall be type approved as per AIS:140.
- 2. After the type approval, NIC shall issue a unique username and password to each VLT Device manufacturer for uploading the Type approval data on VAHAN portal.
- 3. VLT Devices Manufacturers shall upload the following data for every device in VAHAN portal:
 - a) VLT Device make and model
 - Type Approval Certificate (TAC) and / or Conformity of Production Certificate (COP) as applicable
 - c) IMEI Number
 - d) Ice ID Number
 - e) Unique identification number as per following format:

Four alpha- numerical characters	Two alpha- numeric character	One alphabetical character for Test Agency	Four numerical digits	Eight numerical digits
For name of Manufacturer	For name of the model	[A] - Automotive Research Association of India [C] - Central Institute of Road Transport [I] - International Centre for Automotive Technology	For month and year of manufacture in format MMYY	For Production Sr. No.
		[V]- Vehicle Research & Development Establishment [F]- Central Farm Machinery Training & Testing Institute [P]- Indian Institute of Petroleum [G]- Global Automotive Research Centre, Chennai		
			1	

The authorised dealer of the VLT manufacturer shall enter the Unique Identification number is VAHAN database for the purposes of linking the VLT device to the specific public service vehicle. I: case the VLT device is installed by the public service vehicle manufacturer, then the above process shall be undertaken by the vehicle manufacturer.

Regional Transport Offices shall verify the unique identification number of VLT device at the time of

fitness testing.

[No. RT-11028/12/2015-MVL]

PRIYANK BHARTI, Jt. Secy.



GOVERNMENT OF KARNATAKA

No. SARIE 350 SAEPA 2018

Karnataka Government Secretariat, M.S.Building. Bengaluru, Dated: 06-02-2019

From

The Principal Secretary, Transport Department, Bengaluru.

To:

Joint Secretary, Transport Ministry of Road Transport and Highways, Government of India, No.1, Sansad Margh New Delhi.

Sir,

Installation of Vehicle Location Tracking Device and Panic Button

(VLT) in Public Service Vehicles

Letter No: MoRTH.GoI vide Lt No. RT-11028/12/2015-MVL dated 31st Ref:

October 2018, S.O. 5453(E) dated 25.10.2018 & S.O. 5454(E) dated:

25.10.2018.

With reference to the subject cited above and as per the Notifications, Vehicle Location Tracking Device and Panic Buttons (VLT) were mandated to be fitted in all Public Service Vehicles registered on and after 1st January 2019.

But as observed by the MoRTH, GoI the purpose of implementation of this VLT in Public Service Vehicles cannot be implemented unless Command and Control Centre is established by the State which is to be used as an interface for various stake holders which is yet to be set up where data can be captured, stored and analyzed. Further, appropriate legal provisions are to be made so that violations detected out of analysis can be addressed.

Under such circumstances the infrastructure establishment and legal provisioning would require some more time. Hence, it is requested that six months of more time (that means upto 31st July 2019) may be granted to implement the notifications and guidelines as issued by MoRTH, Gol from time to time regarding Installation of Vehicle Location Tracking Device and Panic Button (VLT) in Public Service Vehicles. In anticipation of the permissions in Karnataka the above notification is not implemented with effect from 01-01-2019.

(Approved by the Principal Secretary)

Yours faithfully, f greden

eputy Secretary to Government, Transport Department.

The Commissioner, Transport and Road Safety, Shanthinagar, Bengaluru Copy to: -for further necessary action.

"125-ज. यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन -

- (1) मोटर यान अधिनियम, 1988 की धारा 2 के खंड (35) के अधीन यथापरिभाषित सभी लोक सेवा यानों को यान की अवस्थिति का पता लगाने वाली युक्ति और एक या अधिक आपात बटनों से सज्जित किया जाएगा और फिट किए जाएंगे: परंत यह नियम यानों के निम्नलिखित वर्ग को लागू नहीं होगा, अर्थात्:-
 - (i) दुपहिया;
 - (ii) ई-रिक्शा;
 - (iii) तिपहिया; और
 - (iv) कोई परिवहन यान जिसके लिए मोटरयान अधिनियम, 1988 (1988 का 59) के अधीन अनुज्ञा-पत्र (परिमट) अपेक्षित नहीं होता है:
- (2) उपनियम (1) में निर्दिष्ट याम की अवस्थिति का पता लगानै वाली युक्ति और आपात बटन के विनिर्देश, परीक्षण और प्रमाणन तब तक समय-समय पर यथासंशोधित एआईएस-140:2016 के अनुसार होंगे, जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं।
- (3) उपनियम (1) में निर्दिष्ट यान की अवस्थिति का पता लगाने वाली युक्ति और आपात बटन, यथास्थिति, विनिर्माता या उनके ब्यौहारी या अपने-अपने ऑपरेटर द्वारा यथासंशोधित एआईएस-140:2016 के अनुसार तब तक फिट किए जाएंगे जब तक तत्स्थानी बीआईएस विनिर्देश भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) के अधीन अधिसूचित नहीं किए जाते हैं"।

[सं. आरटी- 11028/12/2015-एमवीएल]

अभय दामले, संयुक्त सचिव

टिप्पण:— मूल नियम, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में अधिसूचना सं. सा.का.िन. 590 (अ), तारीख 2 जून, 1989 को प्रकाशित किए गए थे और अंतिम बार अधिसूचना सं. 1034 (अ), तारीख 02.11.2016 को संशोधित किए गए।

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NOTIFICATION

New Delhi, the 28th November, 2016

G.S.R. 1095(E).—Whereas the draft rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), vide notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 478 (E), dated the 2nd May, 2016 in the Gazette of India, Extraordinary, Part II, section 31 sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

And whereas, copies of the said Gazette notification were made available to the public on the 2nd May, 2016;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been considered by the Central Government.

Now, therefore, in exercise of the powers conferred by clause (k) of sub-section (1) of section 110 of the Motor Vehicles Act, (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely: —

- (1) These rules may be called the Central Motor Vehicles (Twentieth Amendment) Rules, 2016.
 - (2) They shall come into force on the 1st day of April, 2018.

In the Central Motor Vehicles Rules, 1989, after rule 125 G, the following rule shall be inserted, namely.

"125 H. Provision of vehicle location tracking device and emergency button.

All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped with (1) or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:-

- two wheelers;
- E-rickshaw; (ii)
- three wheelers; and (iii)
- any transport vehicle for which no permit is required under the Act. (iv)
- The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- The vehicle location tracking device and emergency button referred to in sub-rule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986.".

[No.RT-11028/12/2015-MVL]

ABHAY DAMLE, Jt. Secy.

India, Gazette published in rules were Note:-G.S.R.590(E), number notification sub-section (i) vide 3, Part-II, section dated the 2nd June, 1989 and last amended vide notification number G.S.R.1034(E) dated the 2nd November, 2016

+05'30



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i) PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 817]

नई दिल्लो, सोमवार, नवम्बर 28, 2016/अग्रहायण 7, 1938

No. 817]

NEW DELHI, MO NDAY, NOVEMBER 28, 2016/AGRAHAYANA 7, 1938

सड़क परिवहन और राजमार्ग मंत्रालय

अधिसूचना

नई दिल्ली, 28 नवंबर, 2016

सा.का.नि. 1095(अ).— केंद्रीय नोटरयान अधिनियम, 1988 (1988 का 59) धारा 212 की उपधारा (1) द्वारा यथा अपेक्षित केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए प्रारूप नियम भारत सरकार में सहक परिवहन और राजमार्ग मंत्रालय की अधिसूचना सं. स .का.नि. 478 (अ), तारीख 2 मई, 2016 द्वारा भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में उनसे द्वार संभाव्य प्रभावित सभी व्यक्तियों द्वारा उस तारीख से जब प्रारूप नियमों से अंतर्विष्ट उक्त अधिसूचना की प्रतियां जनसाधारण को उपलब्ध करवाई गई थीं, से तीस दिन की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित करने के लिए प्रकाशित िए गए थे;

उक्त राजपत्र अधिसूचना की प्रोयां जनसाधारण को 2 मई, 2016 को उपलब्ध करवाई गई थीं ;

उक्त प्रारुप नियमों के संबंध में नसाधारण से प्राप्त आक्षेपों और सुझावों पर केंद्रीय सरकार द्वारा विचार किया गया है ;

अत:, केन्द्रीय सरकार मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 110 की उपधारा (1) के खंड (ट) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्र य मोटर यान नियम, 1989 का और संशोधन करने के लिए निय्नलिखित नियम बनाती है, अर्थात्:-

- 1. (1) इन नियमों का संक्षिप्त नाम केंद्रीय मोटर यान (200k संशोधन) नियम, 2016 है।
 - (2) ये 1 अप्रैल, 2018 को प्रवृत्त होंगे।
- 2. केंद्रीय मोटर यान नियम, 1989 में, ियम 125 छ के पश्चात्, निम्नलिखित नियम अंत:स्थापित किया जाएगा, अर्थात् :-



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii) PART I(—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 4142]

नई दिल्ली, बृहस्पतिवार, अक्तूबर 18, 2018/आश्विन 26, 1940

No. 4142] NEW DELHI, THRUSDAY, OCTOBER 18, 2018/ASVINA 26, 1940

सड़क परिवहन और राजमार्ग मंत्रालय

आदेश

नई दिल्ली, 18 अक्तूबर, 2018

का.आ. 5333(अ).—केन्द्रीय सरकार, मोटर यान अधिनियम,1988 (1988 का 59) की धारा 66 की उपधारा (3) के खंड (इ) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए यह आदेश देती है कि धारा 66 की उपधारा (1) के उपबंध, यथास्थिति, माल या यात्रीयों के वहन के प्रयोजन के लिए प्रयुक्त या प्रयोग किये जाने वाले निम्नलिखित प्रकार के परिवहन यानों को लागू नहीं होगें अर्थात:-

- (i) केन्द्रीय मोटर यान नियम, 1989 के नियम 2 के खंड (प) में यथा परिभाषित बैटरी चालित यान;
- (ii) मेथनाल ईधन द्वारा चालित कोई यान और;
- (iii) इथनाल ईधन द्वारा चालित कोई यान।

[फा. सं. : आर टी-11036/80/2012-एम वी एल (भाग-IV)]

प्रियांक भारती, संयुक्त सचिव

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

ORDER

New Delhi, the 18th October, 2018

S.O. 5333(E).—In exercise of the powers conferred by clause (n) of sub-section (3) of section 66 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby orders that the provisions of sub-section (1) of section 66 of the said Act shall not apply to following types of transport vehicles used, or to be used, for the purpose of carriage of goods or passengers as the case may be, namely:-

- (i) a Battery Operated Vehicle as defined under clause (u) of rule 2 of the Central Motor Vehicles Rules, 1989;
 (ii) a vehicle driven on methanol fuel; and
- (iii) a vehicle driven on ethanol fuel.

[F. No. RT-11036/80/2012-MVL(Part-IV)] PRIYANK BHARTI, Jt. Secy.

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ambulances specified therein, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).]

¹[125G. Type Approval of Special Purpose Vehicles.—(1) The Motor Caravans manufactured on and after the 1st April, 2018, shall comply with the requirements stated in AIS-124:2014, as amended from time to time, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).

(2) The Motor Caravans built on the existing vehicles as permitted under the clause 0.0 (b) of the said standard shall also comply with AIS-124:2014, as amended from time to time, till the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).]

²[125H. Provision of vehicle location tracking device and emergency button.—(1) All public service vehicles, as defined under clause (35) of section 2 of the Act, shall be equipped with or fitted with vehicle location tracking device and one or more emergency buttons:

Provided that this rule shall not apply to the following category of vehicles, namely:—

- (i) two wheelers;
- (ii) E-rickshaw;
- (iii) three wheelers; and
- (iv) any transport vehicle for which no permit is required under the Act.
- (2) The specifications, testing and certification of the vehicle location tracking device and emergency button referred to in sub-rule (1) shall be in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986 (63 of 1986).
- (3) The vehicle location tracking device and emergency button referred to in subrule (1) shall be fitted by the manufacturer or their dealer or the respective operator, as the case may be, in accordance with AIS-140: 2016, as amended from time to time, till such time the corresponding BIS specifications are notified under the Bureau of Indian Standards Act, 1986.]

³[126. Prototype of every motor vehicle to be subject to test.—On and from the date of commencement of Central Motor Vehicles (Amendment) Rules, 1993, every ⁴[manufacturer or importer] of motor vehicles ⁵[including 'trailers, semi trailers and modular hydraulic trailer] ⁶[including registered association (identified by the concerned State Transport Department) for E-rickshaw wherever applicable] shall submit the prototype of the vehicle ⁷[to be manufactured or imported by him] for test by the Vehicle Research and Development Establishment of the Ministry of Defence of the Government

^{1.} Ins. by G.S.R. 868(E), dated 8th September, 2016 (w.e.f. 8-9-2016).

^{2.} Ins. by G.S.R. 1095(E), dated 28th November, 2016 (w.e.f. 1-4-2018).

^{3.} Subs. by G.S.R. 338(E), dated 26th March, 1993 (w.e.f. 26-3-1993).

^{4.} Subs. by G.S.R. 111(E), dated 10th February, 2004, for "manufacturer" (w.e.f. 10-8-2004).

Subs. by G.S.R. 212(E), dated 20th March, 2015, for "other than trailers and semi-trailers" (w.e.f. 1-4-2015). Earlier there words were omitted by G.S.R. 409(E), dated 18th June, 2014 (w.e.f. 1-4-2016)

^{6.} Ins. by G.S.R. 709(E), dated 8th October, 2014 (w.e.f. 8-10-2014).

Subs. by G.S.R. 111(E), dated 10th February, 2004, for "to be manufactured by him" (w.e.f. 10-8-2004).



No. RT-11028/12/2015-MVL

भारत सरकार

Government of India

सङ्क परिवहन और राजमार्ग मंत्रालय

Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-1100(1

Dated the, July, 2019

To

Shri Alok Sethi Delhi Integrated Multi-Modal Transit System Ltd. 1st Floor, Maharana Pratap, ISBT Building, Kashmere Gate, Delhi - 110006

Subject; Regarding Monitoring of Status of Fitment of NavIC based Vehicle Trackers to all commercial Vehicles as per as AIS-140 Mandate of the MoRTH, Govt. of India

Sir,

I am directed to refer to subject mentioned above and to forward herewith a representation received from Director, EDPO, ISRO for kind examination.

2. It is requested to furnish comments to this Ministry on priority

Yours faithfully,

0 610

Dharkat R. Luikang) Under Secretary to the Government of India (MVL)

Tel-23357125

E-mail: dharkat@nic.in

Copy to: -

1. All testing agencies with a request to furnish comments on email.

Fun Regarding Monitering of Status of Fitment of NavIc based vehicle trackers to all commercial vehicles as per as AIS -140 Mandate of the Morth, Govt of india

jitendra kumar

Fri 7/12/2019 12:01 PW

To: alok.sethi@dimts.in <alok.sethi@dimts.in>; Director-ARAI <director@araiindia.com>; director@icat.in <director@icat.in> Cc: Vijayanta Ahuja <vijayanta.ahuja@icat.in>; director-morth@gov.in <director-morth@gov.in>; dharkat@nic.in <dharkat@nic.in>

1 attachments (980 KB) Monitering of status.pdf;

Sir,

Please find attached the letter received from ISRO for kind examination. It is requested to kindly forward the inputs on priority

With Regards,

Jitendra Kumar Consulatnt- MVL Ministry of Road Transport & Highways Tele: - 011-23715211

From: lokesh kumar <k.lokeshkmr95@gmail.com>

Sent: Thursday, July 11, 2019 5:07 PM

To: kumarjitendrajha@hotmail.com

Subject: Regarding Monitering of Status of Fitment of Navlc based vehicle trackers to all commercial vehicles as per as AIS -140 Mandate of the Morth, Govt of india

Please find attached



No. RT-11028/12/2015-MVL भारत सरकार

Government of India

सड़क परिवहन और राजमार्ग मंत्रालय

Ministry of Road Transport and Highways (MVL Section)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated the.

July, 2019

To

Shri Alok Sethi Delhi Integrated Multi-Modal Transit System Ltd. 1st Floor, Maharana Pratap, ISBT Building, Kashmere Gate, Delhi - 110006

Subject: Regarding Monitoring of Status of Fitment of NaviC based Vehicle Trackers to all commercial Vehicles as per as AIS-140 Mandate of the MoRTH, Govt. of India

Sir,

I am directed to refer to subject mentioned above and to forward herewith a representation received from Director, EDPO, ISRO for kind examination.

2. It is requested to furnish comments to this Mini try on priority.

Yours faithfully,

(Dharkat R. Luikang)

Under Secre ary to the Government of India (MVL)

Tel-23357125

E-mail: dharkat@nic.in

Copy to: -

1. All testing agencies with a request to furnish comments on email.

अन्तरिक्ष विभाग इसरो मुख्यालय अन्तरिक्ष भवन

न्यू बी ई एल रोड, बेंगलूरु - 560 094, भारत

दुरभाव: +91 80 2341 6358 फैक्स : +91 80 2341 3806 Department of Spice Government of Incia

ISRO HEADQUARTERS

Antariksh Bhavan

New BEL Road, Bengaluru - 560 094, INDIA

Tel (Off): +91 80 2341 6358 : +91 80 2341 3806

E-mail : diwaka @isro.gov.in dir.eos@isro.gov.in

Earth observation applications & Disaster management support Programme Office (EDPO)

Dr. P.G. Diwakar Director, EDPO

1327044/0/0TS-MUL-

F. Dir Imil
26619.

June 24, 2019

No.SATNAV-PO/F.321 (Pt.29)

Dear Sir,

Sub: Regarding Monitoring of Status of Fitment of NavIC based Vehicle Trackers to all Commercial Vehicles as per the AIS-140 Mandate of the MoRTH, Govt. of India

We are happy to note the successful implementation of the AIS-140 mandate by your ministry for fitment of NavIC -enabled Vehicle location tracking devices to all commercia vehicles from 01 April 2019 onwards. We are keen to see the services of "NavIC" in contributing to the safety of citizens of India through the implementation of this mandate.

ISRO has been in continuous interaction with the device manufacturers and the certifying agencies through the initial phase of NavIC implementation and AIS-140 certification in the vehicle location tracking devices. ISRO offered support to this initiative through joint troubleshooting exercises, particularly for ephemeris upgradation of the tracker firmware. We further assure our full technical support with regard to NavIC system and ensure that sufficient device manufacturers are available to meet the future demands.

Today, there are more than 30 companies manufacturing AIS-140 compliant devices, as per information available in the public domain (List annexed for kind reference).

Through this letter I want to enquire if there are simple mechanisms or web portal to obtain statistics of the vehicles (fitted with NavIC enabled vehicle tracking devices) being registered in public /commercial domains. This would help us to further improve our plans to bring in more industries to produce NavIC enabled devices.

With best regards,

Dr. Sanjeev Ranjan

Secretary

Ministry of Road Transport and Highways

Transport Bhavan

1. Parliament Street

New Delhi - 110 001

Yours sincerely,

भारतीय अन्तरिक्ष अनुसंधान संगठन / Indian Space Research Organisation

LIST OF ARAI APPROVED VEHICLE TRACKING SYSTEMS (GPS + IRNSS) AS PER AIS 140 AS ON 04TH June 2019

CoP Valid Upto	17-02-2020		20-02-2020		20-02-2020	05-03-2020	
Alpha numer ical Chara cters for name of	77		9) E	E	
4 Alphanumerica I Characters for name of Manufacturer	Manufacturer BBOX		MTEL		ETPL	TRIB	
Supported - GNSS constellatio n	GPS and IRNSS		GPS and IRNSS		GPS and IRNSS	GPS and IRNSS	
TAC No. and Date AK9033 Dt:18.02.2019 AK9044 Dt:19.03.2 019		AK9034 Dt:21.02.2019	AK9074 Dt:16-05-2019	AK9035 Dt:21.02.2019	AK9037 Dt:06.03.2018		
Report No & Date	ARAI/AED/20182019/300 0003868/TA/1608 Dt::18-02-2019	ARAI/AED/20182019/300 0006074/TA/1800 Dt:19.03.2019	ARAI/AED/20182019/300 0005370/TA/1633 Dt:21-02-2019	ARAI/AED/2019202020/3 000006982/TA/215 Dt:16-05-2019	ARAI/AED/20182019/300 0005373/TA/1634 Dt:21-02-2019	ARAI/AED/20182019/300 0005801/TA/1716 Dt:06-03-2019	
Model No/ Part No	Model Name Part No Vehicle Tracking Device TM77		Telemato	ZEN140	EVTS-100	TAP76D	
Model Name			Vehicle Tracking Device		Vehicle Tracking Device	Vehicle Tracking Device	
Company Name & Contact Person	Blackbox GPS Technologies Opc Pvt Ltd Wir. Rajesh Vaidya	manishkumar@blackb oxgps.net	Minda Telematics and Electric Mobility Solutions Pvt Ltd Mr. Saisha K G M No: 7899345333		ELIMO Technologies Pvt Ltd Mr. Gunjan Gangwal M No: 9867799913 gunjan@elimo.in	Trimble Mobility Solution India Pvt Ltd Mr. Jayant Wagh M No: 9422020866 Jayant_wagh@trimble.	
S. No.		- N		n	4		

II.	9 .			20 0		
	28-03-2020	28-03-2020	28-03-2020	28-03-2020	28-03-2020	23-04-2020
	14	02	01	6	10	0.1
	ACON	ACON		CFCT	STSL	VSTC
	GPS and IRNSS	GPS and IRNSS	GPS and IRNSS	GPS and IRNSS	GPS and IRNSS	GPS and IRNSS
	AK9049 Dt:29.03.2019	AK9050 Dt:29.03.2019	AK9051 Dt:29.03.2019	AK9052 Dt:29.03.2019	AK9053 Dt:29.03.2019	AK9068 Dt:24.04.2019
	ARAI/AED/20182019/300 0006002/TA/1887 Dt:29.03.2019	ARAI/AED/20182019/300 .0006006/TA/1888 Dt:29.03.2019	ARAI/AED/20182019/300 0005809/TA/1889 Dt:29.03.2019	ARAI/AED/20182019/300 0005812/TA/1890 Dt:29.03.2019	ARAI/AED/20182019/300 0005807/TA/1891 Dt:29.03.2019	ARAI/AED/20182019/300 006007/TA/82 Dt:24.04.2019
	AEPL 05 08 00	ML25R2	SAN-01	PT140B	Star 01	VST0507-C
	ACONITS1401	Vehicle Tracking Device	Vehicle Tracking Device	Vehicle Tracking Device	Vehicle Tracking Device	Vehicle Tracking Device
	Accolade Electronics Pvt. Ltd, Pune Mr. Sachin Deshpande marketing@accoladeelec tronics.com M No: 83800 14967	Microlise Telematics Pvt Ltd Mr. Mandar V. Gadgil M No: 07423398217 mandar.gadgil@microli se.com	Sansui electronics pvt ltd. Mr. Sanjay Bafna sanjay@sansui.co.in M No. 9822029191	Clean fuel cng Technology. Mr.Raj Kumar Sahoo cfctgps@gmail.com M No. 9069252525	Sensestar Solution pvt Itd Mohammad Najibuddin info@sensestar.in M No. 9625266769	VST Mobility solutions Pvt Itd Mr. Alvin George ceo@vstmobility.com M No: 8129666612
	V V	72	€	4	70	9

·- Y		
16-05-2020	23-May-2020	23-May-2020
20	X	H.
TRAK	TR1	MAVE
GPS and IRNSS	GPS and IRNSS	GPS and IRNSS
AK9080 Dt: 17-May- 2019	AK9084 Dt: 24-May- 2019	AK9083 Dt: 24-May- 2019
ARAI/AED/20182019/300 0005799/TA/228 Dated:17-May-2019	ARAI/AED/20182019/300 0005822/TA/269 Dated:24-May-2019	ARAI/AED/20192020/300 0006187/TA/268 Dated:24-May-2019
TMD200A	aQuila UX101	Tracko MVT140
Vehicle Tracking device	Vehicle Tracking device	Vehicle Tracking device
Trakmate Design Solutions Pvt Ltd Mr. Pramod S M psm@trakmate.co.in M No: 9480515542	ltriangle Infotech Pvt Ltd Mr. Vinod Mishra vinod@itriangle.in M No: 8130264844	Maverick Labs Pvt Ltd, Mr. Shailesh Karle shailesh.karle@maverickl abs.in M No: 9096874097
23	24	25

(* Units of these VTS models that are supplied in the field on or before 31st March 2019 are valid) LIST OF ARAI APPROVED VEHICLE TRACKING SYSTEMS (GPS ONLY) AS PER AIS 140

CoP Valid Upto							
2 Alph anum erical Char acter s for name of							
4. Alphanumerica I Characters for name of Manufacturer							
Supported GNSS constellatio n							
TAC No. and Date							
Report No & Date							
Model No/Part No							
Model Name							
Company Name & Contact Person							
S S							

19-03-2019		18-03-2019	20-03-2019	20-03-2019	25-03-2019
6		8	E	₹ Z	F
AUTO		NAPL	NAPL	NAPL	OEIN
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AK9002 Dt: 09-Jan- 2019	AK9028 Dt: 04-Feb- 2019	AK9012 Dt: 15-Jan- 2019	AK9010 Dt: 15-Jan- 2019	AK9011 Dt: 15-Jan- 2019	AK9003 Dt:11-Jan- 2019
Report No: ARAI/AED/CT/O C- 1718- 10153/1637 Dated: 20-Mar2018	ARAI/AED/20182019/3000 005300/TA/1522 Dated: 4-Feb-2019	ARAI/AED/CT/O C- 1718- 10481/1629 Ďated: 19-Mar2018	ARAI/AED/CT/O C- 1718- 9462/1648 Dated: 21- Mar- 2018	ARAI/AED/CT/O C- 1718- 10481/1653 Dated: 21-Mar-2018	ARAI/AED/CT/O C- 1718- 8739/1680 Dated: 26-Mar-2018
TLG-1000		NVT-1820- U	NVT-1820- T	NVT-1820- N	VT 15 AIS/ R04034
ITS System TLG-100		Vehicle trackin g device	Vehicle tracking device	Vehicle tracking device	Vehicle tracking device
Autocop India Pvt. Ltd vivekrane@autocop.in M No: 09766200573		NIPPON ALIDIOTRONIX PVT. LTD amitsharma@nipponaudi o.com M No: 09811991178	NIPPON AUDIOTRONIX PVT. LTD amitsharma@nipponaudi o.com M No: 09811991178	NIPPON AUDIOTRONIX PVT. LTD amitsharma@nipponaudi o.com M No: 09811991178	CE Info Systems Pvt. Ltd contact@mapmyindia.co m M.No: 9810788997
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	Gen Y Ventures Pvt. Ltd (Indian Auto Company) Amit Antil corporate@indianautoc ompany.c om M No: 8448191372	AVANCER SOFTWARE SOLUTIONS PVT. LTD. Vipin.M.Jacob vipinjacob@avancer.in M No: 09176696486	Mercydaz Instrumention Inc Biju Poulose bijumercyda@gm ail.com M No: 08884277728	Arya Omnitalk Wireless Solutions Private Limited Kalyan Yermalkar kyermalkar@aryaom nitalk.com M No:09373003077	CHEMITO INFOTECH PVT. LTD Bhausaheb Gore <bgore@chemito.net> M No: 07506642202</bgore@chemito.net>
	Vehicle Tracker	Vehicle Tracking Device	Mercyda Vehicle Tracking System	Vehicle Tracking device	Vehicle Tracking device
	IAC-140	AVA-J140	VTS140	AUTOTRA X 65	CHVTS-A
	ARAI/AED/CT/S O- 1819- 3000001813/430 Dated: 13-Jul-2018	ARAI/AED/CT/S O- 1819- 3000001684/340 Dated: 25-Jun-2018	ARAI/AED/CT/S O- 1819- 3000000427/402 Dated: 06-Jul-2018	ARAI/AED/CT/S O- 1819- 3000000414/401 Dated: 06-Jul-2018	ARAI/AED/CT/S O- 1819- 3000001683/405 Dated: 06-Jul-2018
	AK9009 Dt: 15-Jan- 2019	AK9014 Dt:16-Jan- 2019	AK9015 Dt:16-Jan- 2019	AK9004 Dt:11-Jan- 2019	AK9023 Dt: 22-Jan- 2019
	GPS	GPS	GPS	GPS	GPS
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	12-07-2019	24-06-2019	05-07-2019	05-07-2019	05-07-2019

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	Danlaw Technologies Inida Ltd, Mr. Rajendrakumar Shewade M No: 09562301177 info@danlawtech.com		Pvt Ltd Pvt Ltd Mr. Mandar V. Gadgil M No: 07423398217 mandar.gadgil@microli se.com	Microlise Telematics	Letstrak Tech Pvt Ltd Mr. Puneet Sharma M No. 9891937280 puneet@letstrack.in	
	Vehicle Tracking Device		Vehicle Tracking Device		Vehicle Tracking Device	
	DL-540		ML25R2		LT06	
	ARAI/AED/20182019/3000 005368/TA/1607 Dt:18-02-2019		ARAI/AED/20182019/3000 004852/TA/1546 Dt: 09-02-2019		ARAI/AED/20182019/3000 004853/TA/1503 Dt: 30-01-2019	
	AK9032 Dt:18.02.2019 GPS DANL		AK9030 Dt: 09-02-2019		AK9027 Dt:30-Jan- 2019	
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	17-02-2020		08-02-2020		29-01-2020	

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PONL Seamless Connectivity Solution in Poor data Coverage area-regading

jitendra kumar

To: joydeep@nic.in <joydeep@nic.in>; dkagrawal@bsnl.co.in <dkagrawal@bsnl.co.in>; alok.sethi@dimts.in <alok.sethi@dimts.in> Cc: director-morth@gov.in <director-morth@gov.in>; jspb-morth@gov.in <jspb-morth@gov.in>; dharkat@nic.in <dharkat@nic.in>

1 attachments (483 KB)

Coverage area.pdf;

Sir,

I am directed to forward herewith a representation received from BSNL. In this regard, a meeting has been scheduled to be held under the Chairmanship of JS (MVL) on 16.07.2019 at 1100 HRS in Room No. 324, 3rd Floor, Transport Bhawan, New Delhi.

2. It is requested to kindly make it convinient to attend the meeting.

With Regards,

Jitendra Kumar Consulatnt- MVL Ministry of Road Transport & Highways Tele: - 011-23715211

E-1329307 (AS(R7SH

VAS CELL 2nd floor, Bharat Sanchar Bhavan, Harish Chandra Mathur Lane, Janpath New Delhi - 110001

Tel.: 011 - 23329725 Fax: 011 - 23327305

email: dkagrawal@bsnl co in



SANCHAR NIGAM LTD.

(A Government of India Enterprises)

VAS-8/SCS/2018 | 5 3

Dated 1.06.2019

To, Parivahan Bhavan, Ministry Of Road Transport & Highways 1, Parliament Street, New Delhi

Subject: BSNL Seamless Connectivity Solution in Poor data Coverage area-regarding

Respected Sir/Madam,

This is to introduce Seamless' Connectivity Service's (SCS), the latest Enterprise Offering from BSNL to your esteem organization. As we progressively move towards an era of digitization, ubiquitous internet coverage across the country still remains a key challenge. There are many rural and suburban areas which have either limited or no data coverage.

Seamless Connectivity Services offered by BSNL can improve in-app customer experience by guaranteeing constant connectivity anywhere there is a mobile network, even without Internet. SCS can help to provide mobile app based services in the remotest of the areas where data connectivity has been a challenge. It has the capability to compress Data Packets and also send them across 2G network using SMS transport layer as the bearer.

When BSNL's SCS will be integrated in mParivahan App, users will be able to have instant access to various information, services and utilities related to the transport sector without having to face any troubles because of weak or congested network. Users while travelling on highways or rural areas would be able to use the app in case of emergency when there is no data connectivity.

BSNL's SCS can be integrated to create new apps or adapt existing apps, in the field of mobile payment, identity control, logistics, transport, information to the users, ensuring better digital reach, higher number of connected users, enhanced business and improved government services for citizens.

We are ready to demonstrate and discuss this SCS services with your team, at the location of your

Thanks and Regards

Enclosure: SCS Brochure

[D.K. Agrawal]

पंजीकत एवं निगमिले कार्यालय : भारत संचार भवन, हरीश चन्द्र प्रार्थुर लेन, जनपथ, नई दिल्ली-110001 Regd. & Corporate Office: Bharat Sanchar Bhawan, H.C. Mathur Lane, Janpath, New Delhi-110001

Corporate Identity Number (CIN): U74899DL2000GOI107739

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